

Totally Integrated Automation Portal

04\_Kommisionierung\_2018-10-11

Projekt

|                       |  |                   |                     |                  |                     |        |                         |
|-----------------------|--|-------------------|---------------------|------------------|---------------------|--------|-------------------------|
| Name:                 | 04_Kommisionierung_2018-10-11                                      | Erstellzeitpunkt: | 18.12.2017 08:34:00 | Letzte Änderung: | 12.10.2018 09:52:59 | Autor: | konst.wilhelm@gmail.com |
| Zuletzt geändert von: | User   | Version:          | 1.0                 |                  |                     |        |                         |
| Kommentar:            | Automatikbetrieb für das Modul "04-Kommisionierung" mit Factory IO |                   |                     |                  |                     |        |                         |

Betriebssystem

| Name                              | Beschreibung                                   |
|-----------------------------------|--|
| Betriebssystem                    | Microsoft Windows 7 Professional               |
| Version des Betriebssystems       | 6.1.7601.65536                                 |
| Service Pack des Betriebssystems  | Service Pack 1                                 |
| Version des Internet Explorers    | 11.0.9600.19002                                |
| Computername                      | NP-LN-028                                      |
| Benutzername                      | NP-LN-028\User                                 |
| Installationspfad des TIA Portals | C:\Program Files\SIEMENS\Automation\Portal V14 |

Komponenten

| Name  | Version            | Release                  |
|---|--------------------|--------------------------|
| TIA Portal Multiuser Server V14 - TIA Portal Multiuser Server Single SetupPackage V14.0 SP1 Upd3 (MUSERVERV14)            | V14.0 + SP1 + Upd3 | V14.00.01.03_04.01.00.01 |
| SIMATIC S7-PLCSIM (S7_PLCSIM_V14)   | V14.0 + SP1        | V14.00.01.00_12.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - SIMATIC S7-PLCSIM V14.0 + SP1 + Upd1 (S7_PLCSIM_V14)                   | V14.0 + SP1 + Upd1 | V14.00.01.01_01.26.00.01 |
| Totally Integrated Automation Portal V14 - TIA Portal Single SetupPackage V14.0 SP1 (TIAP14)                              | V14.0 SP1 UPD3     | V14.00.01.03_04.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - HM All Editions Single SetupPackage V14.0 SP1 UPD3 (TIAP14)            | V14.0 SP1 UPD3     | V14.00.01.03_04.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - HM NoBasic Single SetupPackage V14.0 SP1 UPD3 (TIAP14)                 | V14.0 SP1 UPD3     | V14.00.01.03_04.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - Hardware Support Base Package 0 V14.0 (TIAP14)                         | V14.0              | V14.00.00.00_26.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - Multiuser Client Single SetupPackage V14.0 + SP1 + Upd3 (TIAP14)       | V14.0 + SP1 + Upd3 | V14.00.01.03_04.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - STEP 7 Safety Single SetupPackage V14.0 + SP1 (TIAP14)                 | V14.0 + SP1        | V14.00.01.00_12.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - Startdrive V14.0 SP1 UPD4 (TIAP14)                                     | V14.0 SP1 UPD4     | V14.00.01.04_47.08.00.01 |
| Siemens Totally Integrated Automation Portal V14 - Startdrive Hardware Support Base Package 1 V14.0 + SP1 (TIAP14)        | V14.0 + SP1        | V14.00.01.00_35.00.00.00 |
| Siemens Totally Integrated Automation Portal V14 - STEP 7 Single SetupPackage V14.0 SP1 UPD3 (TIAP14)                     | V14.0 SP1 UPD3     | V14.00.01.03_04.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - Hardware Support Base Package 02 V14.0 (TIAP14)                        | V14.0              | V14.00.00.00_26.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - Hardware Support Base Package 03 V14.0 (TIAP14)                        | V14.0              | V14.00.00.00_26.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - Hardware Support Base Package 04 V14.0 + SP1 (TIAP14)                  | V14.0 + SP1        | V14.00.01.00_04.01.00.03 |
| Siemens Totally Integrated Automation Portal V14 - Support Base Package TO-01 V14.0 (TIAP14)                              | V14.0              | V14.00.00.00_26.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - Support Base Package TO-02 V14.0 (TIAP14)                              | V14.0              | V14.00.00.00_26.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - Hardware Support Base Package WCF-01 V14.0 (TIAP14)                    | V14.0              | V14.00.00.00_26.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - TIACOMP CHECK Single SetupPackage V14.0 + SP1 + Upd3 (TIAP14)          | V14.0 + SP1 + Upd3 | V14.00.01.03_04.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - Simatic Single SetupPackage V14.0 SP1 UPD3 (TIAP14)                    | V14.0 SP1 UPD3     | V14.00.01.03_04.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - WinCC Single SetupPackage V14.0 SP1 UPD3 (TIAP14)                      | V14.0 SP1 UPD3     | V14.00.01.03_04.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - WinCC Transfer Current All Single SetupPackage V14.0 SP1 UPD3 (TIAP14) | V14.0 SP1 UPD3     | V14.00.01.03_04.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - WinCC Transfer Current CAP Single SetupPackage V14.0 SP1 UPD3 (TIAP14) | V14.0 SP1 UPD3     | V14.00.01.03_04.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - WinCC Transfer Legacy All Single SetupPackage V14.0 SP1 UPD3 (TIAP14)  | V14.0 SP1 UPD3     | V14.00.01.03_04.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - WinCC Transfer Legacy CAP Single SetupPackage V14.0 SP1 UPD3 (TIAP14)  | V14.0 SP1 UPD3     | V14.00.01.03_04.01.00.01 |
| WinCC Runtime Advanced V14.0 SP1 - SIMATIC WinCC Runtime Advanced V14.0 SP1 (HMIRTM_V11)                                  | V14.0 SP1 UPD3     | V14.00.01.03_04.01.00.01 |
| WinCC Runtime Advanced V14.0 SP1 - HMIRTM Runtime Single SetupPackage V14.0 SP1 UPD3 (HMIRTM_V11)                         | V14.0 SP1 UPD3     | V14.00.01.03_04.01.00.01 |
| WinCC Runtime Advanced V14.0 SP1 - HMIRTM Simulation Single SetupPackage V14.0 SP1 UPD3 (HMIRTM_V11)                      | V14.0 SP1 UPD3     | V14.00.01.03_04.01.00.01 |
| SIMATIC S7-PLCSIM (S7_PLCSIM_V13)   | V13.0 + SP2        | V13.00.02.00_10.01.00.01 |
| Siemens Totally Integrated Automation Portal V13 - SIMATIC S7-PLCSIM V13.0 + SP2 (S7_PLCSIM_V13)                          | V13.0 + SP2        | V13.00.02.00_10.02.00.01 |
| SIMIT V9 - SIMIT V9.0 + SP1 (SIMIT9)  | V9.0 + SP1         | V9.0.1.0_11.1.0.1        |
| Siemens SIMIT V9 - SIMIT Simulation Framework V9.0 + SP1 (SIMIT9)   | V9.0 + SP1         | V9.0.1.0_11.1.0.1        |
| Siemens SIMIT V9 - SIMIT Virtual Controller V09.0 + SP1 (SIMIT9)  | V09.0 + SP1        | V09.00.01.00_11.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - Simatic Single SetupPackage 32 Bit V14.0 + SP1 (TIAP14)                | V14.0 + SP1        | V14.00.01.00_12.01.00.01 |
| Siemens Totally Integrated Automation Portal V14 - WinCC Single SetupPackage 32 Bit V14.0 + SP1 (TIAP14)                  | V14.0 + SP1        | V14.00.01.00_12.01.00.01 |
| SIMATIC HMI License Manager Panel Plugin (x64)  | 14.0.1.0           | V14.00.01.00_12.01.00.01 |
| SIMATIC WinCC Runtime Advanced Driver (x64)   | 14.0.1.0           | V14.00.01.00_12.01.00.01 |

|   |                |                          |
|---|----------------|--------------------------|
| Totally Integrated Automation Portal            |                |                          |
| <b>Name</b>                                     | <b>Version</b> | <b>Release</b>           |
| SIMATIC WinCC flexible Runtime Driver (x64)     | 1.4.0.0        | V1.4.0.0_1.16.0.7        |
| InfoServerExResRF64                             | 14.0           | V14.00.00.00_14.01.00.04 |
| SIMATIC NCM FWL 64                              | 5.6.0.0        | V5.6.0.0_3.1.0.2         |
| NCM GPRS 64                                     | 01.02.00.00    | V1.2.0.0_2.1.0.1         |
| SIMATIC PLCSIM 64                               | 14.01          | 14.00.01.00_01.01.01.01  |
| PlcSimPlus64                                    | 13.02          | V13.00.02.00_10.02.00.01 |
| SIMATIC Device Drivers                          | 9.1            | 09.01.06.00_01.02.00.02  |
| SIMATIC Runtime Manager                         | 12.00          | V12.00.02.00_03.80.00.01 |
| SCOUT STARTER S7DOS64 Components                | 4.4.0.1        | V04.04.00.01_79.11.06.00 |
| SIMATIC NET CORE                                | 12.0           | V12.00.02.00_50.48.00.05 |
| AI S7 ADAPTER                                   | 2.0            | V02.00.00.00_01.17.00.03 |
| Automation Access Control Component             | 4.0            | K04.00.01.00_01.01.00.01 |
| Automation Software Updater                     | 02.02.0100     | V02.02.01.00_01.01.00.28 |
| SIMATIC Colour Editor                           | 5.1.16         | K05.01.16.00_01.01.00.02 |
| CPU OM  | 4.4.0.1        | V04.04.00.01_79.11.06.00 |
| dcblibv2_0_sinamics2_5_1                        | 02.50.32.09    | V02.50.32.09             |
| dcblibv2_0_sinamics2_6                          | 02.60.55.00    | V02.60.55.00             |
| dcblibv2_0_sinamics4_3                          | 04.30.21.02    | V04.30.21.02             |
| dcblibv3_0_sinamics4_4                          | 04.40.09.00    | V04.40.09.00             |
| dcblibv3_0_sinamics4_5                          | 04.50.06.00    | V04.50.06.00             |
| dcblibv3_0_sinamics4_6                          | 04.60.06.00    | V04.60.06.00             |
| dcblibv3_0_sinamics4_7                          | 04.70.07.00    | V04.70.07.00             |
| DCC-Editor SINAMICS Shared                      | 2.3.0.1        | V02.03.00.01_79.11.06.00 |
| DCC-Help System Shared                          | 2.3.0.1        | V02.03.00.01_79.11.06.00 |
| Drive ES DriveOM                                | 5.7.0.0        | V05.07.00.00_00.00.00.94 |
| Drive ES SlaveOM                                | 5.9.0.1        | V05.09.00.01_79.11.06.00 |
| SIMATIC ES Common Services                      | 8.0            | V08.00.00.00_01.23.00.02 |
| SIMATIC HMIProvider                             | 7.0            | K07.00.03.00_01.01.00.01 |
| SIMATIC L7-SiS                                  | 4.2.4.0        | K4.2.4.0_1.21.0.1        |
| SIMATIC Technology CPU                          | 4.2.4.0        | K4.2.4.0_1.21.0.1        |
| License Logon Interface                         | 4.0            | K04.00.03.00_01.01.00.02 |
| SIEMENS OPC                                     | 3.9            | 03.09.07.00_01.05.00.01  |
| OPC-XML-Gateway                                 | 13.0.0.0       | V13.0.0.0_1.1.0.8        |
| SIMATIC WinCC OPC Alarm & Events Server         | 3.9            | 03.09.05.06_01.01.00.01  |
| SIMATIC WinCC OPC Data Access Server            | 3.9            | 03.09.05.06_01.01.00.01  |
| SIMATIC WinCC OPC Historical Data Access Server | 3.9            | 03.09.05.06_01.01.00.01  |
| SIMATIC WinCC OPC UA Client                     | 3.9            | 03.09.05.06_01.01.00.01  |
| SIMATIC WinCC OPC XML Client                    | 3.9            | 03.09.05.06_01.01.00.01  |
| PCS7 Common Classes                             | 7.4            | V07.04.00.00_01.03.00.03 |
| SIMATIC HMI ProSave                             | 14.0.1.0       | V14.00.01.00_12.01.00.01 |
| SIMATIC HMI Symbol Library                      | 14.0.1.0       | V14.00.01.00_12.01.00.01 |
| SIMATIC HMI Touch Input                         | 14.0.1.0       | V14.00.01.00_12.01.00.01 |
| SIMATIC Runtime Interfaces                      | 2.1            | K02.01.00.03_01.01.00.01 |
| SIMATIC Version View                            | 1.7.10.0       | K1.7.10.0_1.1.0.1        |
| SIMATIC Common Services                         | 5.3.15.0       | K5.3.15.0_1.1.0.1        |
| SIMATIC Device Drivers WoW                      | 29.1           | 29.01.06.00_01.02.00.02  |
| SIMATIC Event Database                          | 5.5            | 05.05.05.02_02.01.00.01  |
| SIMATIC GRAPH-Visualisierung                    | 5.2.3.0        | K5.2.3.0_1.2.0.1         |
| SIMATIC GSD CONTROL                             | 3.5.6.0        | K3.5.6.0_2.1.0.1         |
| SIMATIC GSD Interpreter                         | 2.4.8.0        | K2.4.8.0_1.1.0.1         |
| SIMATIC Interface Editor                        | 5.4.19.0       | K5.4.19.0_1.1.0.1        |
| SIMATIC Extended Interfaces                     | 5.4.6.0        | K5.4.6.0_1.1.0.1         |
| SIMATIC LanguageSupportTool                     | 5.8.3.0        | K5.8.3.0_1.1.0.1         |
| SIMATIC Condition Editor                        | 5.4.4.1        | K5.4.4.1_1.2.0.1         |
| SIMATIC NCM                                     | 5.5.4.11       | K5.5.4.11_8.1.0.1        |
| SIMATIC Process Diagnosis Base                  | 5.3.12.1       | K05.03.12.01_01.02.00.01 |
| SIMATIC Process Diagnosis Database              | 5.3.6.3        | K05.03.06.03_01.01.00.01 |
| SIMATIC S7T Config                              | 4.4.0.1        | V04.04.00.01_79.12.08.00 |
| SIMATIC S7T Config Help 1                       | 4.4.0.1        | V04.04.00.01_79.12.08.00 |
| SIMATIC S7T Config Help 2                       | 4.4.0.1        | V04.04.00.01_79.12.08.00 |
| SIMATIC DIAGNOSTIC REPEATER GUI CTRL            | 5.2.3.0        | K5.2.3.0_1.1.0.1         |
| SIMATIC Grid Control                            | 2.6.0.0        | V2.6.0.0_2.1.0.1         |
| SIMATIC S7-Status-OCX                           | 5.3.11.0       | K5.3.11.0_2.1.0.1        |
| SIMATIC Technological Parameter Assignment      | 5.3.11.0       | K5.3.11.0_6.1.0.1        |
| SIMATIC X-Ref Control                           | 5.2.8.0        | K5.2.8.0_2.2.0.1         |
| SIMATIC Asset Manager                           | 2.4            | K02.04.00.03_01.06.00.01 |
| SIMATIC SCL Compiler                            | 5.3.8.1        | K05.03.08.01_01.04.00.03 |
| SCOUT STARTER Components                        | 4.4.0.1        | V04.04.00.01_79.11.06.00 |
| SeCon   | 2.4            | V02.04.00.02_01.01.00.01 |
| SIMOTION DeviceOM                               | 4.15.0.1       | V04.15.00.01_79.11.06.00 |
| SIMOTION OM                                     | 4.4.0.1        | V04.04.00.01_79.11.06.00 |
| SIMOTION OPC File Manager                       | 1.1.0.0        | V01.01.00.00_03.00.04.00 |
| SSP SINAMICS G110M V4.6                         | 04.60.10.06    | V04.60.21.28_14.04.12.00 |
| SSP SINAMICS G110M V4.7                         | 04.70.10.00    | V04.70.35.00_19.13.00.00 |
| SSP SINAMICS G120 HELP V4.7                     | 04.70.10.00    | V04.70.35.00_19.10.00.00 |
| SSP SINAMICS G120 V4.7                          | 04.70.10.00    | V04.70.35.00_19.10.00.00 |
| SSP SINAMICS HELP V4.7                          | 04.70.10.01    | V04.70.35.00_19.10.01.00 |
| SSP SINAMICS SIMATIC ET 200PRO FC-2 V4.7        | 04.70.10.00    | V04.70.35.00_19.10.00.00 |
| SSP SINAMICS V4.7                               | 04.70.10.00    | V04.70.35.00_19.10.00.00 |
| SIMATIC Station Observer                        | K7.3.0.1       | V07.03.00.01_01.03.00.01 |
| SIMATIC SCS                                     | K07.03.01.11   | V07.03.01.11_01.01.00.02 |
| SIMATIC WinCC Common Archiving                  | K7.3.0.14      | V07.03.20.14_01.01.00.03 |
| SIMATIC WinCC flexible OCX                      | 1.4.0.7        | K1.4.0.7_1.6.0.3         |
| SIMATIC WinCC flexible Simulator                | 1.8.3.7        | K1.8.3.7_1.1.0.3         |
| SIMATIC WinCC flexible Tag Simulator            | 1.4.0.7        | K1.4.0.7_1.1.0.14        |
|   |                |                          |



Totally Integrated Automation Portal

04\_Kommisionierung\_2018-10-11

PLC\_Bus [CPU 314C-2 DP]

PLC\_Bus

Exchange compact menu

|                 |               |                  |                     |                  |      |
|-----------------|---------------|------------------|---------------------|------------------|------|
| Name            | PLC_Bus       | Baugruppenträger | 0                   | Steckplatz       | 2    |
| Kurzbezeichnung | CPU 314C-2 DP | Artikel-Nr.      | 6ES7 314-6CH04-0AB0 | Firmware-Version | V3.3 |

Verbindungsressourcen

|                   |   |                                       |    |                        |   |
|-------------------|---|---------------------------------------|----|------------------------|---|
| PG-Kommunikation: | 1 | OP-Kommunikation:                     | 1  | S7-Basiskommunikation: | 0 |
| S7-Kommunikation: | 0 | max. Anzahl S7-Verbindungsressourcen: | 12 |                        |   |

Adressübersicht\Adressübersicht\Adressübersicht

|            |      |          |      |              |       |
|------------|------|----------|------|--------------|-------|
| Eingänge   | True | Ausgänge | True | Adresslücken | False |
| Steckplatz | True |          |      |              |       |

| Typ | Adr. von | Adr. bis | Modul                          | TPA    | Gerätename              | Gerätenummer | Größe    | Master-/IO-System | Baugruppenträger | Steckplatz |
|-----|----------|----------|--------------------------------|--------|-------------------------|--------------|----------|-------------------|------------------|------------|
| E   | 752      | 761      | AI 5/AO 2_1                    | OB1-PA | PLC_Bus [CPU 314C-2 DP] | -            | 10 Bytes | -                 | 0                | 2 3        |
| A   | 752      | 755      | AI 5/AO 2_1                    | OB1-PA | PLC_Bus [CPU 314C-2 DP] | -            | 4 Bytes  | -                 | 0                | 2 3        |
| E*  | 1023     | 1023     | DP-Schnittstelle_1             | ---    | PLC_Bus [CPU 314C-2 DP] | -            | 0 Bits   | -                 | 0                | 2 X2       |
| E   | 768      | 783      | Zählen_1                       | OB1-PA | PLC_Bus [CPU 314C-2 DP] | -            | 16 Bytes | -                 | 0                | 2 4        |
| A   | 768      | 783      | Zählen_1                       | OB1-PA | PLC_Bus [CPU 314C-2 DP] | -            | 16 Bytes | -                 | 0                | 2 4        |
| E   | 124      | 126      | DI 24/DO 16_1                  | OB1-PA | PLC_Bus [CPU 314C-2 DP] | -            | 3 Bytes  | -                 | 0                | 2 2        |
| A   | 124      | 125      | DI 24/DO 16_1                  | OB1-PA | PLC_Bus [CPU 314C-2 DP] | -            | 2 Bytes  | -                 | 0                | 2 2        |
| E   | 784      | 799      | Positionieren_1                | OB1-PA | PLC_Bus [CPU 314C-2 DP] | -            | 16 Bytes | -                 | 0                | 2 5        |
| A   | 784      | 799      | Positionieren_1                | OB1-PA | PLC_Bus [CPU 314C-2 DP] | -            | 16 Bytes | -                 | 0                | 2 5        |
| E   | 0        | 7        | DI 64x24VDC sinking/sourcing_1 | OB1-PA | PLC_Bus [CPU 314C-2 DP] | -            | 8 Bytes  | -                 | 0                | 4          |
| E   | 8        | 15       | DI 64x24VDC sinking/sourcing_2 | OB1-PA | PLC_Bus [CPU 314C-2 DP] | -            | 8 Bytes  | -                 | 0                | 5          |
| E   | 16       | 23       | DI 64x24VDC sinking/sourcing_3 | OB1-PA | PLC_Bus [CPU 314C-2 DP] | -            | 8 Bytes  | -                 | 0                | 6          |
| A   | 16       | 23       | DO 64x24VDC/0.3A sourcing_3    | OB1-PA | PLC_Bus [CPU 314C-2 DP] | -            | 8 Bytes  | -                 | 0                | 10         |
| A   | 8        | 15       | DO 64x24VDC/0.3A sourcing_2    | OB1-PA | PLC_Bus [CPU 314C-2 DP] | -            | 8 Bytes  | -                 | 0                | 9          |
| A   | 0        | 7        | DO 64x24VDC/0.3A sourcing_1    | OB1-PA | PLC_Bus [CPU 314C-2 DP] | -            | 8 Bytes  | -                 | 0                | 8          |
| A   | 28       | 35       | DO 64x24VDC/0.3A sourcing_4    | OB1-PA | PLC_Bus [CPU 314C-2 DP] | -            | 8 Bytes  | -                 | 0                | 11         |
| E   | 24       | 31       | DI 64x24VDC sinking/sourcing_4 | OB1-PA | PLC_Bus [CPU 314C-2 DP] | -            | 8 Bytes  | -                 | 0                | 7          |

04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Programmbausteine

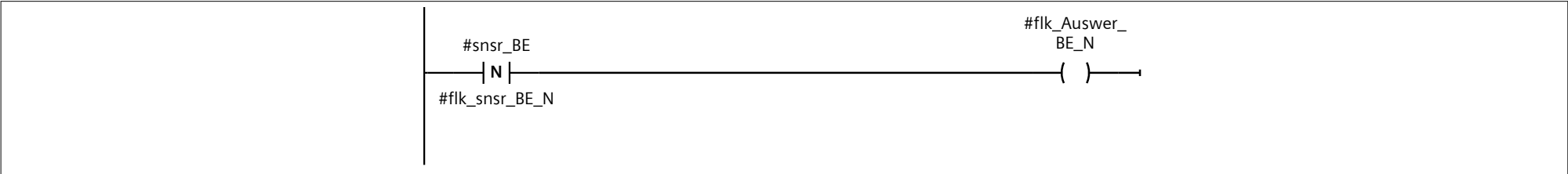
TB\_General [FB20]

| TB_General Eigenschaften |  |                       |    |           |    |         |     |
|--------------------------|--|-----------------------|----|-----------|----|---------|-----|
| Allgemein                |  |                       |    |           |    |         |     |
| Name                     | TB_General                               | Nummer                | 20 | Typ       | FB | Sprache | KOP |
| Nummerierung             | Manuell                                  |                       |    |           |    |         |     |
| Information              |  |                       |    |           |    |         |     |
| Titel                    | Allgemeine Steuerung eines Foerderbandes | Autor                 |    | Kommentar |    | Familie |     |
| Version                  | 0.1                                      | Anwenderdefinierte ID |    |           |    |         |     |

| Name            | Datentyp | Defaultwert |
|-----------------|----------|-------------|
| ▼ Input         |          |             |
| snsr_NE         | Bool     | false       |
| snsr_BE         | Bool     | false       |
| snsr_AH         | Bool     | false       |
| snsr_PR         | Bool     | false       |
| Brake_ON        | Bool     | false       |
| Brake_OFF       | Bool     | false       |
| FRG_IN          | Bool     | false       |
| Sperre          | Bool     | false       |
| ▼ Output        |          |             |
| aktr_MTR        | Bool     | false       |
| FRT_OUT         | Bool     | false       |
| Uebergabe_Modus | Bool     | false       |
| InOut           |          |             |
| ▼ Static        |          |             |
| Loaded          | Bool     | false       |
| Movement        | Bool     | false       |
| Brake_Bypass    | Bool     | false       |
| flk_snsr_NE     | Bool     | false       |
| flk_snsr_BE_N   | Bool     | false       |
| flk_snsr_BE_P   | Bool     | false       |
| flk_snsr_AH     | Bool     | false       |
| flk_snsr_PR     | Bool     | false       |
| flk_Auswer_BE_N | Bool     | false       |
| flk_Auswer_AH_P | Bool     | false       |
| flk_Brake_OFF   | Bool     | false       |
| Temp            |          |             |
| Constant        |          |             |

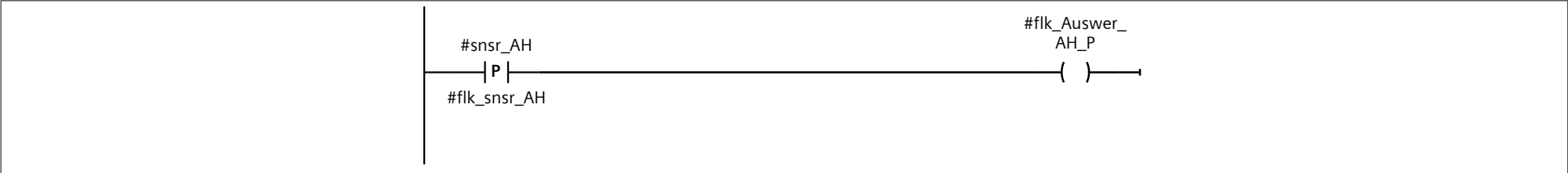
Netzwerk 1: Flankenauswertung snsr\_BE (Negativ)

Signal wird generiert, wenn das Ladestück den hinteren Sensor verlässt.



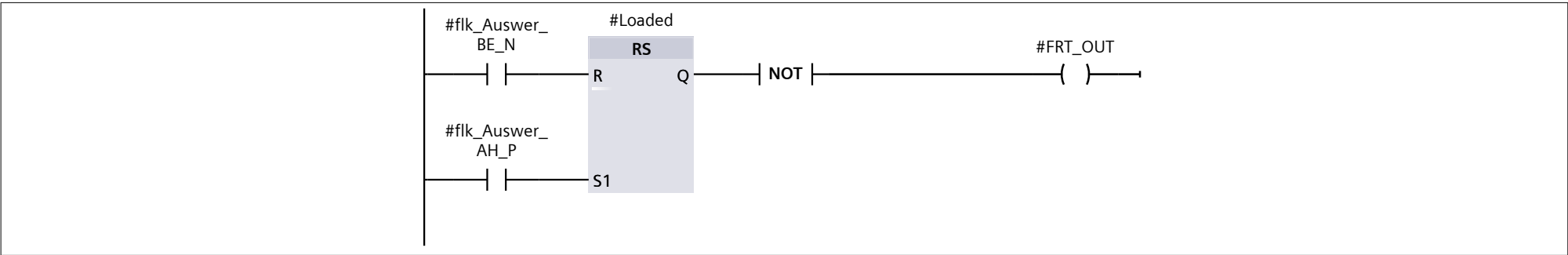
Netzwerk 2: Flankenauswertung snsr\_AH (positiv)

Signal wird generiert, wenn das Ladestück den vorderen Sensor beitritt.



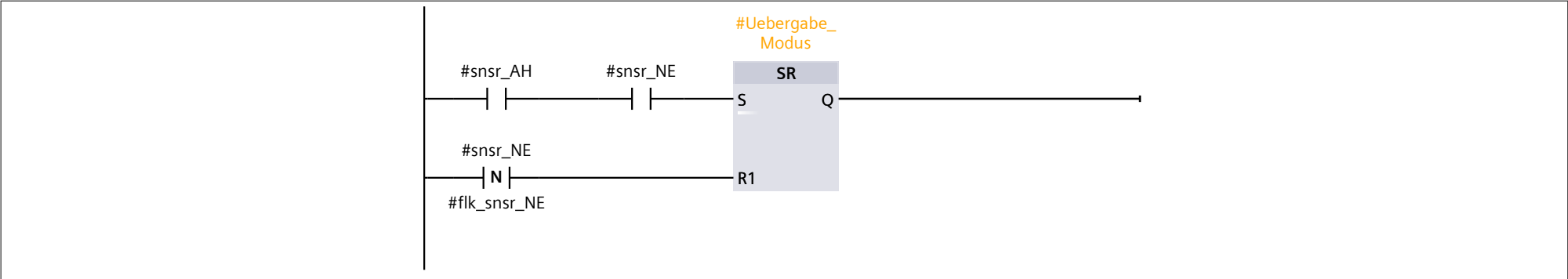
Netzwerk 3: Beladen EIN/AUS / Freigabe

Wird gesetzt, wenn das Band mit Ladestück beladen ist, und rückgesetzt sobald das Ladestück das Band verlässt.



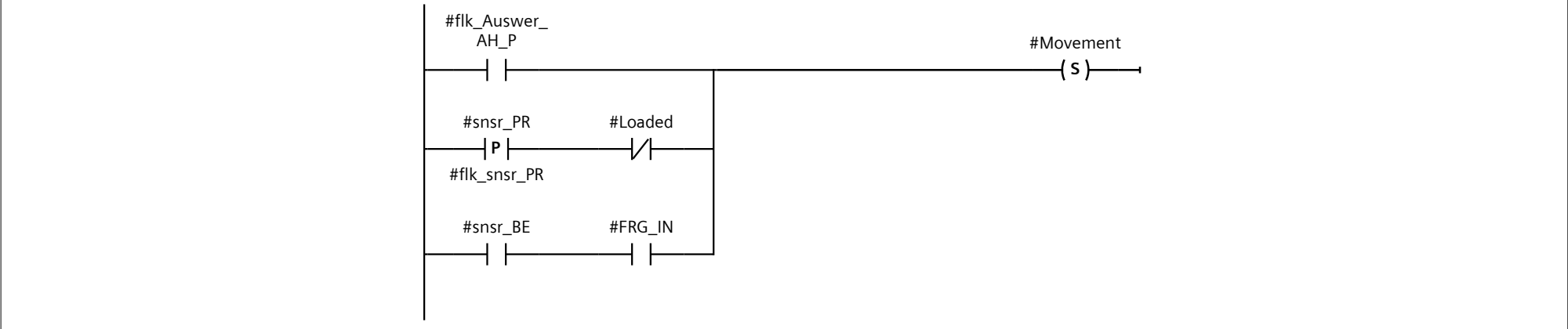
Netzwerk 4: Übergabe Modus

Wird aktiviert, wenn das Ladestück von einem Band zu dem anderen übergeben wird, damit die Übergabe sauber läuft.



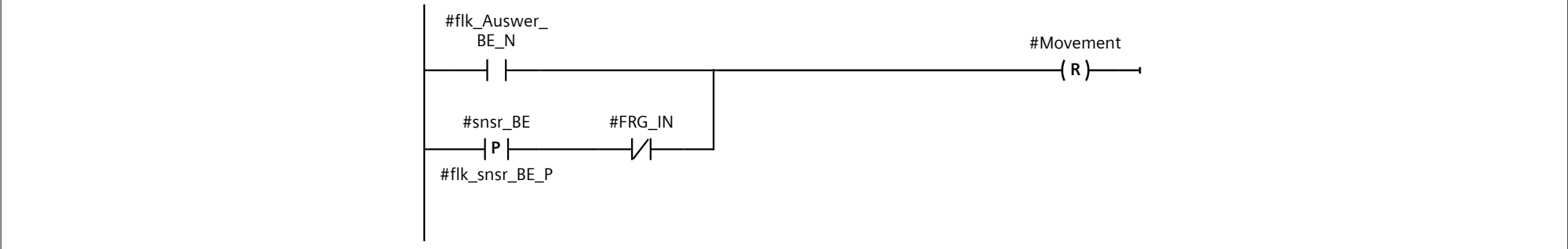
Netzwerk 5: Movement Set

Die Bewegung des Bandes ist erwünscht



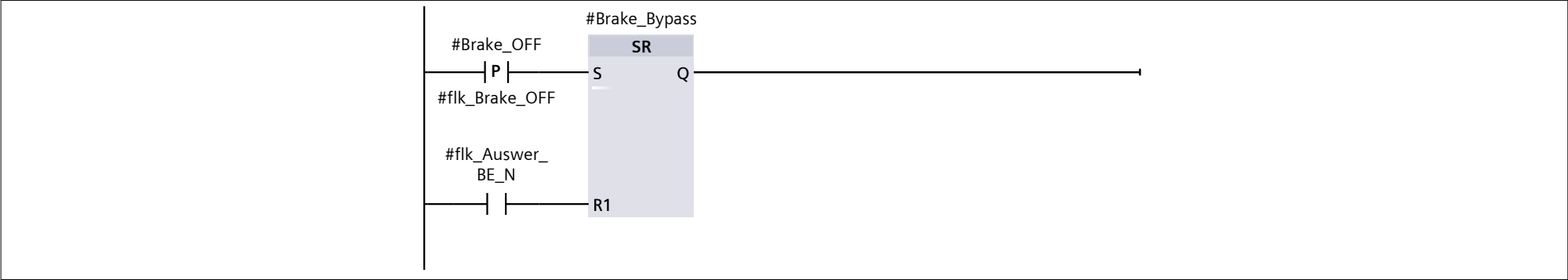
Netzwerk 6: Movement Reset

Die Bewegung des Bandes ist NICHT erwünscht



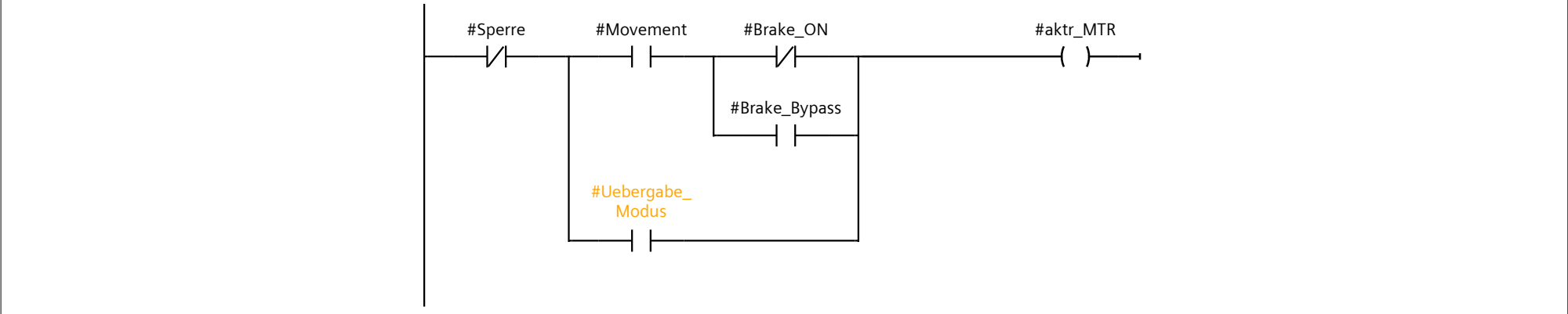
Netzwerk 7: Bremsenumgehung

Das Signal zum Anhalten wird damit überbrückt



Netzwerk 8: Motorsteuerung

Netzwerk, welches direct den Motor steuert



Totally Integrated Automation Portal

04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Programmbausteine

04-01 LoadLine [FB1]

04-01 LoadLine Eigenschaften

Allgemein

|              |                |        |   |     |    |         |     |
|--------------|----------------|--------|---|-----|----|---------|-----|
| Name         | 04-01 LoadLine | Nummer | 1 | Typ | FB | Sprache | KOP |
| Nummerierung | Automatisch    |        |   |     |    |         |     |

Information

|         |   |                       |  |           |   |         |  |
|---------|---|-----------------------|--|-----------|---|---------|--|
| Titel   | Die lange gerade Fertigungslinie, wo die leere Kisten mit grünen und Blauen Teilen beladen werden | Autor                 |  | Kommentar | Es darf gleichzeitig nur eine Kiste auf einem Band stehen, die ganze Logik der Programm geht davon aus, falls es mehr werden - gibt es Probleme, hier sind keine Mechamismen implementiert, die das erkennen. !!! Verbesserungsmöglichkeit!!! | Familie |  |
| Version | 0.1   | Anwenderdefinierte ID |  |           |   |         |  |

| Name            | Datentyp     | Defaultwert |
|-----------------|--------------|-------------|
| ▼ Input         |              |             |
| MTP_Sperre      | Bool         | false       |
| FRG_IN          | Bool         | false       |
| BLDN_Fern       | Bool         | false       |
| BLDN_Nah        | Bool         | false       |
| ABFUHR_Fern     | Bool         | false       |
| ABFUHR_Nah      | Bool         | false       |
| ▼ Output        |              |             |
| FRG_OUT         | Bool         | false       |
| InOut           |              |             |
| ▼ Static        |              |             |
| ▼ TB_GNRL_01_DB | "TB_General" |             |
| ▼ Input         |              |             |
| snsr_NE         | Bool         | false       |
| snsr_BE         | Bool         | false       |
| snsr_AH         | Bool         | false       |
| snsr_PR         | Bool         | false       |
| Brake_ON        | Bool         | false       |
| Brake_OFF       | Bool         | false       |
| FRG_IN          | Bool         | false       |
| Sperre          | Bool         | false       |
| ▼ Output        |              |             |
| aktr_MTR        | Bool         | false       |
| FRT_OUT         | Bool         | false       |
| Uebergabe_Modus | Bool         | false       |
| InOut           |              |             |
| ▼ Static        |              |             |
| Loaded          | Bool         | false       |
| Movement        | Bool         | false       |
| Brake_Bypass    | Bool         | false       |
| flk_snsr_NE     | Bool         | false       |
| flk_snsr_BE_N   | Bool         | false       |
| flk_snsr_BE_P   | Bool         | false       |
| flk_snsr_AH     | Bool         | false       |
| flk_snsr_PR     | Bool         | false       |
| flk_Auswer_BE_N | Bool         | false       |
| flk_Auswer_AH_P | Bool         | false       |
| flk_Brake_OFF   | Bool         | false       |
| ▼ TB_GNRL_02_DB | "TB_General" |             |
| ▼ Input         |              |             |
| snsr_NE         | Bool         | false       |
| snsr_BE         | Bool         | false       |
| snsr_AH         | Bool         | false       |
| snsr_PR         | Bool         | false       |
| Brake_ON        | Bool         | false       |
| Brake_OFF       | Bool         | false       |
| FRG_IN          | Bool         | false       |
| Sperre          | Bool         | false       |
| ▼ Output        |              |             |
| aktr_MTR        | Bool         | false       |
| FRT_OUT         | Bool         | false       |
| Uebergabe_Modus | Bool         | false       |
| InOut           |              |             |
| ▼ Static        |              |             |
| Loaded          | Bool         | false       |
| Movement        | Bool         | false       |
| Brake_Bypass    | Bool         | false       |



| Totally Integrated Automation Portal   |              |             |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
|--|--------------|-------------|-------------|-------------|------|-------|---------------|------|-------|---------------|------|-------|-------------|------|-------|-------------|------|-------|-----------------|------|-------|-----------------|------|-------|---------------|------|-------|-----------------|--------------|--|---------|--|--|---------|------|-------|---------|------|-------|---------|------|-------|---------|------|-------|----------|------|-------|-----------|------|-------|--------|------|-------|--------|------|-------|----------|--|--|----------|------|-------|---------|------|-------|-----------------|------|-------|-------|--|--|----------|--|--|--------|------|-------|----------|------|-------|--------------|------|-------|-------------|------|-------|---------------|------|-------|---------------|------|-------|-------------|------|-------|-------------|------|-------|-----------------|------|-------|-----------------|------|-------|---------------|------|-------|-----------------|--------------|--|---------|--|--|---------|------|-------|---------|------|-------|---------|------|-------|---------|------|-------|----------|------|-------|-----------|------|-------|--------|------|-------|--------|------|-------|----------|--|--|----------|------|-------|---------|------|-------|-----------------|------|-------|-------|--|--|----------|--|--|--------|------|-------|----------|------|-------|--------------|------|-------|-------------|------|-------|---------------|------|-------|---------------|------|-------|-------------|------|-------|-------------|------|-------|-----------------|------|-------|-----------------|------|-------|---------------|------|-------|-----------|------|-------|-----------|------|-------|-----------|------|-------|--------|------|-------|--------|------|-------|----------------|------|-------|----------------|------|-------|------------|------|-------|------------|------|-------|--------------|------|-------|-------------|------|-------|-------------|------|-------|----------------|------|-------|-----------------|------|-------|------|--|--|--|--|
| <table><tr><th>Name</th><th>Datentyp</th><th>Defaultwert</th></tr><tr><td>flk_snsr_NE</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_BE_N</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_BE_P</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_AH</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_PR</td><td>Bool</td><td>false</td></tr><tr><td>flk_Auswer_BE_N</td><td>Bool</td><td>false</td></tr><tr><td>flk_Auswer_AH_P</td><td>Bool</td><td>false</td></tr><tr><td>flk_Brake_OFF</td><td>Bool</td><td>false</td></tr><tr><td>▼ TB_GNRL_03_DB</td><td>"TB_General"</td><td></td></tr><tr><td>▼ Input</td><td></td><td></td></tr><tr><td>snsr_NE</td><td>Bool</td><td>false</td></tr><tr><td>snsr_BE</td><td>Bool</td><td>false</td></tr><tr><td>snsr_AH</td><td>Bool</td><td>false</td></tr><tr><td>snsr_PR</td><td>Bool</td><td>false</td></tr><tr><td>Brake_ON</td><td>Bool</td><td>false</td></tr><tr><td>Brake_OFF</td><td>Bool</td><td>false</td></tr><tr><td>FRG_IN</td><td>Bool</td><td>false</td></tr><tr><td>Sperre</td><td>Bool</td><td>false</td></tr><tr><td>▼ Output</td><td></td><td></td></tr><tr><td>aktr_MTR</td><td>Bool</td><td>false</td></tr><tr><td>FRT_OUT</td><td>Bool</td><td>false</td></tr><tr><td>Uebergabe_Modus</td><td>Bool</td><td>false</td></tr><tr><td>InOut</td><td></td><td></td></tr><tr><td>▼ Static</td><td></td><td></td></tr><tr><td>Loaded</td><td>Bool</td><td>false</td></tr><tr><td>Movement</td><td>Bool</td><td>false</td></tr><tr><td>Brake_Bypass</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_NE</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_BE_N</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_BE_P</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_AH</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_PR</td><td>Bool</td><td>false</td></tr><tr><td>flk_Auswer_BE_N</td><td>Bool</td><td>false</td></tr><tr><td>flk_Auswer_AH_P</td><td>Bool</td><td>false</td></tr><tr><td>flk_Brake_OFF</td><td>Bool</td><td>false</td></tr><tr><td>▼ TB_GNRL_04_DB</td><td>"TB_General"</td><td></td></tr><tr><td>▼ Input</td><td></td><td></td></tr><tr><td>snsr_NE</td><td>Bool</td><td>false</td></tr><tr><td>snsr_BE</td><td>Bool</td><td>false</td></tr><tr><td>snsr_AH</td><td>Bool</td><td>false</td></tr><tr><td>snsr_PR</td><td>Bool</td><td>false</td></tr><tr><td>Brake_ON</td><td>Bool</td><td>false</td></tr><tr><td>Brake_OFF</td><td>Bool</td><td>false</td></tr><tr><td>FRG_IN</td><td>Bool</td><td>false</td></tr><tr><td>Sperre</td><td>Bool</td><td>false</td></tr><tr><td>▼ Output</td><td></td><td></td></tr><tr><td>aktr_MTR</td><td>Bool</td><td>false</td></tr><tr><td>FRT_OUT</td><td>Bool</td><td>false</td></tr><tr><td>Uebergabe_Modus</td><td>Bool</td><td>false</td></tr><tr><td>InOut</td><td></td><td></td></tr><tr><td>▼ 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| Name         | Datentyp    | Defaultwert | flk_snsr_NE | Bool | false | flk_snsr_BE_N | Bool | false | flk_snsr_BE_P | Bool | false | flk_snsr_AH | Bool | false | flk_snsr_PR | Bool | false | flk_Auswer_BE_N | Bool | false | flk_Auswer_AH_P | Bool | false | flk_Brake_OFF | Bool | false | ▼ TB_GNRL_03_DB | "TB_General" |  | ▼ Input |  |  | snsr_NE | Bool | false | snsr_BE | Bool | false | snsr_AH | Bool | false | snsr_PR | Bool | false | Brake_ON | Bool | false | Brake_OFF | Bool | false | FRG_IN | Bool | false | Sperre | Bool | false | ▼ Output |  |  | aktr_MTR | Bool | false | FRT_OUT | Bool | false | Uebergabe_Modus | Bool | false | InOut |  |  | ▼ Static |  |  | Loaded | Bool | false | Movement | Bool | false | Brake_Bypass | Bool | false | flk_snsr_NE | Bool | false | flk_snsr_BE_N | Bool | false | flk_snsr_BE_P | Bool | false | flk_snsr_AH | Bool | false | flk_snsr_PR | Bool | false | flk_Auswer_BE_N | Bool | false | flk_Auswer_AH_P | Bool | false | flk_Brake_OFF | Bool | false | ▼ TB_GNRL_04_DB | "TB_General" |  | ▼ Input |  |  | snsr_NE | Bool | false | snsr_BE | Bool | false | snsr_AH | Bool | false | snsr_PR | Bool | false | Brake_ON | Bool | false | Brake_OFF | Bool | false | FRG_IN | Bool | false | Sperre | Bool | false | ▼ Output |  |  | aktr_MTR | Bool | false | FRT_OUT | Bool | false | Uebergabe_Modus | Bool | false | InOut |  |  | ▼ Static |  |  | Loaded | Bool | false | Movement | Bool | false | Brake_Bypass | Bool | false | flk_snsr_NE | Bool | false | flk_snsr_BE_N | Bool | false | flk_snsr_BE_P | Bool | false | flk_snsr_AH | Bool | false | flk_snsr_PR | Bool | false | flk_Auswer_BE_N | Bool | false | flk_Auswer_AH_P | Bool | false | flk_Brake_OFF | Bool | false | FRG_VAL_1 | Bool | false | FRG_VAL_2 | Bool | false | FRG_VAL_3 | Bool | false | STOP_1 | Bool | false | STOP_2 | Bool | false | Abfuhr_Modus_1 | Bool | false | Abfuhr_Modus_2 | Bool | false | flk_snsr_1 | Bool | false | flk_snsr_2 | Bool | false | FRG_OUT_Temp | Bool | false | Uebergabe_1 | Bool | false | Uebergabe_2 | Bool | false | flk_Abfuhr_Nah | Bool | false | flk_Abfuhr_Fern | Bool | false | Temp |  |  |  |  |
| Name   | Datentyp     | Defaultwert |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_snsr_NE  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_snsr_BE_N  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_snsr_BE_P  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_snsr_AH  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_snsr_PR  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_Auswer_BE_N  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_Auswer_AH_P  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_Brake_OFF  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| ▼ TB_GNRL_03_DB  | "TB_General" |             |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| ▼ Input  |              |             |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| snsr_NE  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| snsr_BE  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| snsr_AH  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| snsr_PR  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| Brake_ON   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| Brake_OFF  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| FRG_IN   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| Sperre   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| ▼ Output   |              |             |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| aktr_MTR   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| FRT_OUT  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| Uebergabe_Modus  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| InOut  |              |             |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| ▼ Static   |              |             |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| Loaded   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| Movement   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| Brake_Bypass   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_snsr_NE  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_snsr_BE_N  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_snsr_BE_P  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_snsr_AH  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_snsr_PR  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_Auswer_BE_N  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_Auswer_AH_P  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_Brake_OFF  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| ▼ TB_GNRL_04_DB  | "TB_General" |             |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| ▼ Input  |              |             |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| snsr_NE  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| snsr_BE  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| snsr_AH  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| snsr_PR  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| Brake_ON   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| Brake_OFF  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| FRG_IN   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| Sperre   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| ▼ Output   |              |             |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| aktr_MTR   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| FRT_OUT  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| Uebergabe_Modus  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| InOut  |              |             |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| ▼ Static   |              |             |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| Loaded   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| Movement   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| Brake_Bypass   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_snsr_NE  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_snsr_BE_N  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_snsr_BE_P  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_snsr_AH  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_snsr_PR  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_Auswer_BE_N  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_Auswer_AH_P  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_Brake_OFF  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| FRG_VAL_1  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| FRG_VAL_2  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| FRG_VAL_3  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| STOP_1   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| STOP_2   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| Abfuhr_Modus_1   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| Abfuhr_Modus_2   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_snsr_1   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_snsr_2   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| FRG_OUT_Temp   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| Uebergabe_1  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| Uebergabe_2  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_Abfuhr_Nah   | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| flk_Abfuhr_Fern  | Bool         | false       |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |
| Temp   |              |             |             |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                 |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |           |      |       |           |      |       |           |      |       |        |      |       |        |      |       |                |      |       |                |      |       |            |      |       |            |      |       |              |      |       |             |      |       |             |      |       |                |      |       |                 |      |       |      |  |  |  |  |



Totally Integrated Automation Portal

| Name     | Datentyp | Defaultwert |
|----------|----------|-------------|
| Constant |          |             |

### Netzwerk 1: Erstes Band (1st LD-St)

Standardbeschaltung, Übergabe-Signal wird nicht benutzt, prüfen ob überhaupt nötig ist.

#TB\_GNRL\_01\_DB

%FB20

"TB\_General"

EN

ENO

%E10.2

"B5003\_TB5002"

snsr\_NE

%E10.1

"B5002\_TB5001"

snsr\_BE

%E10.0

"B5001\_TB5001"

snsr\_AH

false

snsr\_PR

#STOP\_1

Brake\_ON

#Abfuhr\_Modus\_1

Brake\_OFF

#FRG\_VAL\_1

FRG\_IN

#MTP\_Sperre

Sperre

%A8.0

aktr\_MTR

"TB5001"

#FRG\_OUT\_

FRT\_OUT

Temp

Uebergabe\_

Modus

#Uebergabe\_1

### Netzwerk 2: Erstes Band / Stopper

Hier wird der Stopper gesteuert

#BLDN\_Nah

#Abfuhr\_Modus\_1

%E10.1

"B5002\_TB5001"

%A9.3

"STOP5002"

### Netzwerk 3: Zwetes Band

Standardbeschaltung

#TB\_GNRL\_02\_DB

%FB20

"TB\_General"

EN

ENO

%E10.4

"B5005\_TB5003"

snsr\_NE

%E10.3

"B5004\_TB5002"

snsr\_BE

%E10.2

"B5003\_TB5002"

snsr\_AH

%E10.1

"B5002\_TB5001"

snsr\_PR

false

Brake\_ON

false

Brake\_OFF

#FRG\_VAL\_2

FRG\_IN

#MTP\_Sperre

Sperre

%A8.1

aktr\_MTR

"TB5002"

#FRG\_VAL\_1

FRT\_OUT

#FRG\_VAL\_1

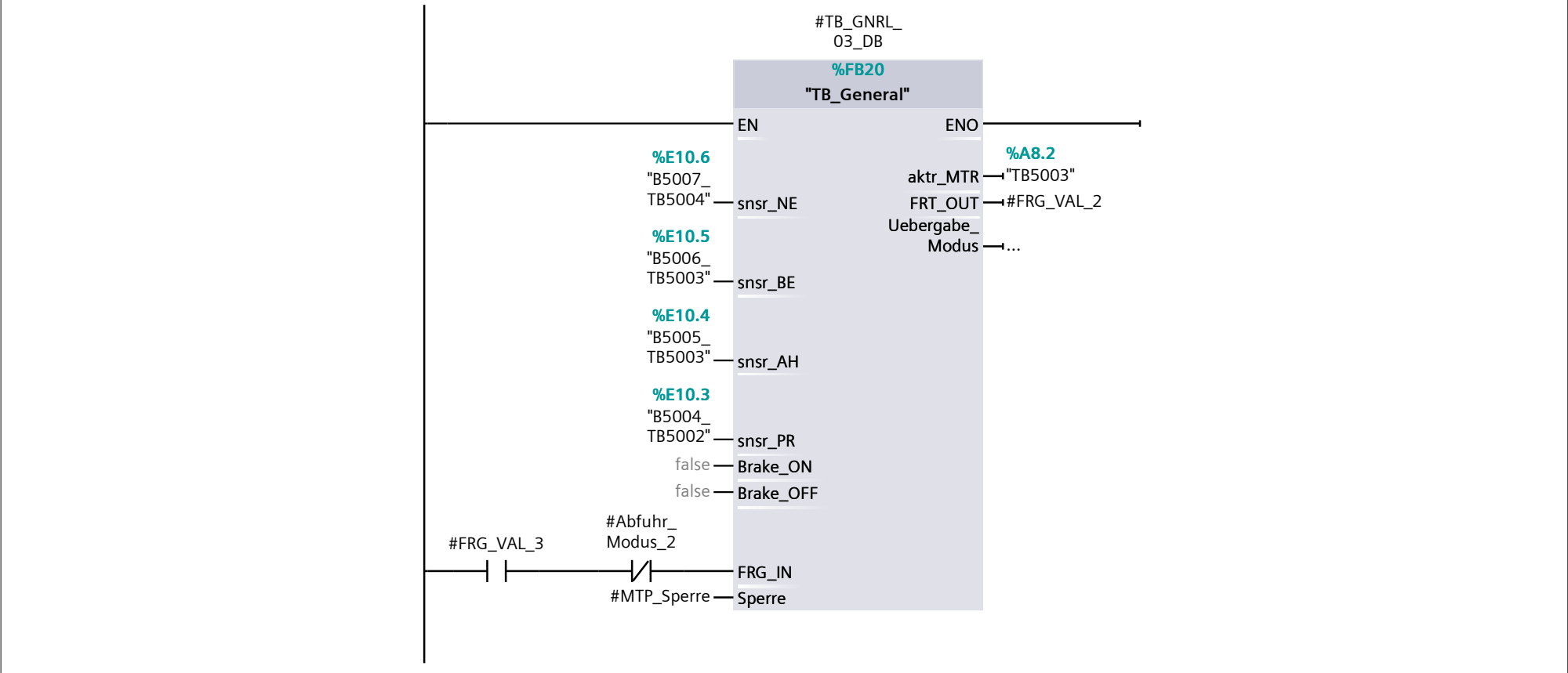
Uebergabe\_

Modus

...

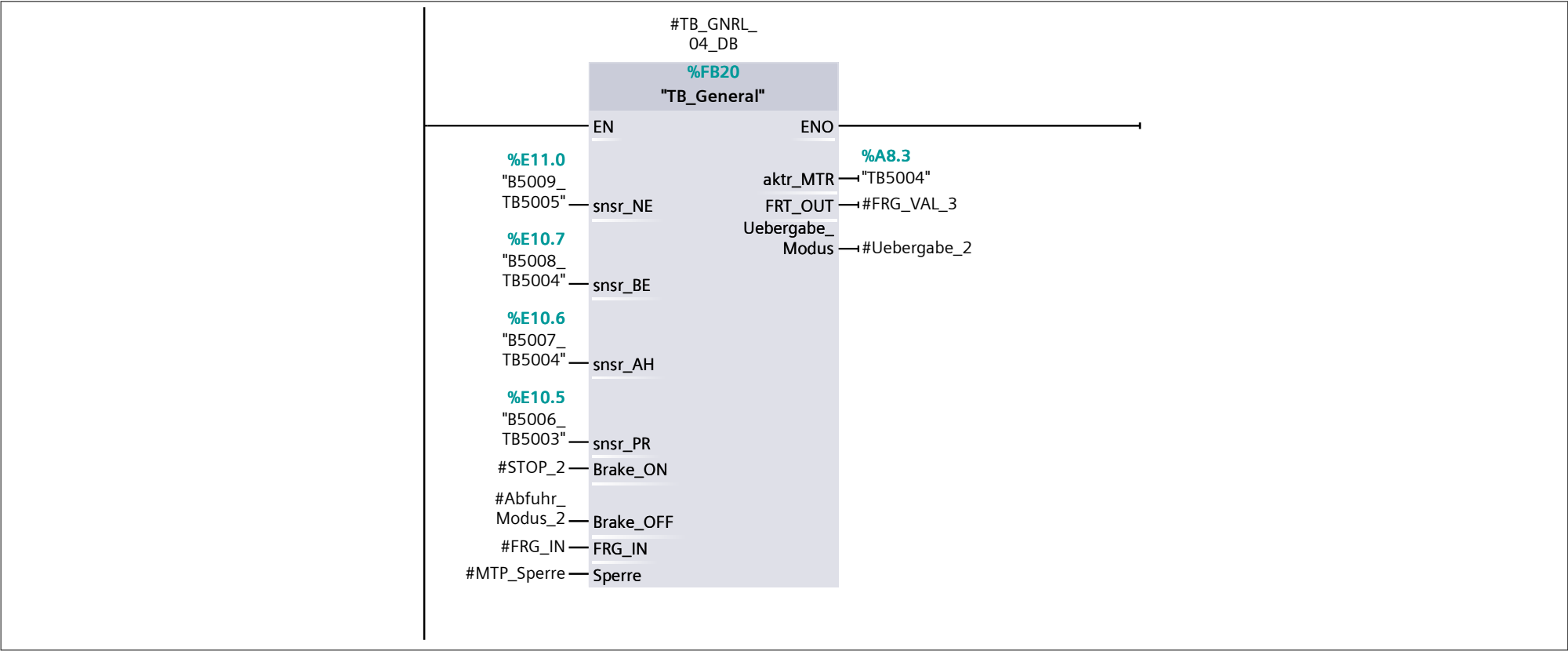
### Netzwerk 4: Drittes Band

Standardbeschaltung



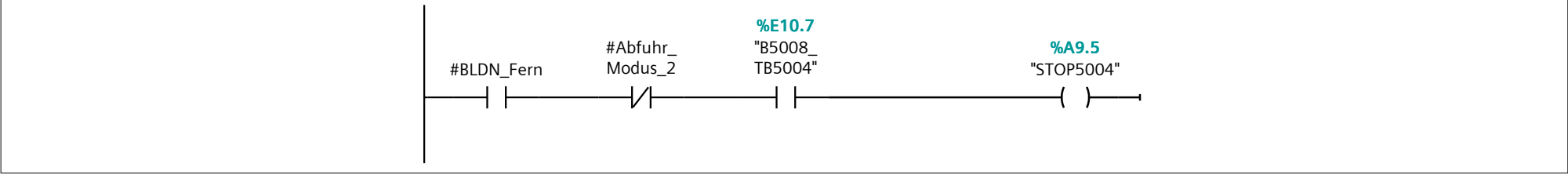
Netzwerk 5: Viertes Band (2nd LD-St)

Standardbeschaltung



Netzwerk 6: Viertes Band / Stopper

Hier wird der Stopper gesteuert



Netzwerk 7: Stop Control for the first LOAD-St

Bedinung um das Band zu stoppen um die Kiste an der Stelle zu beladen



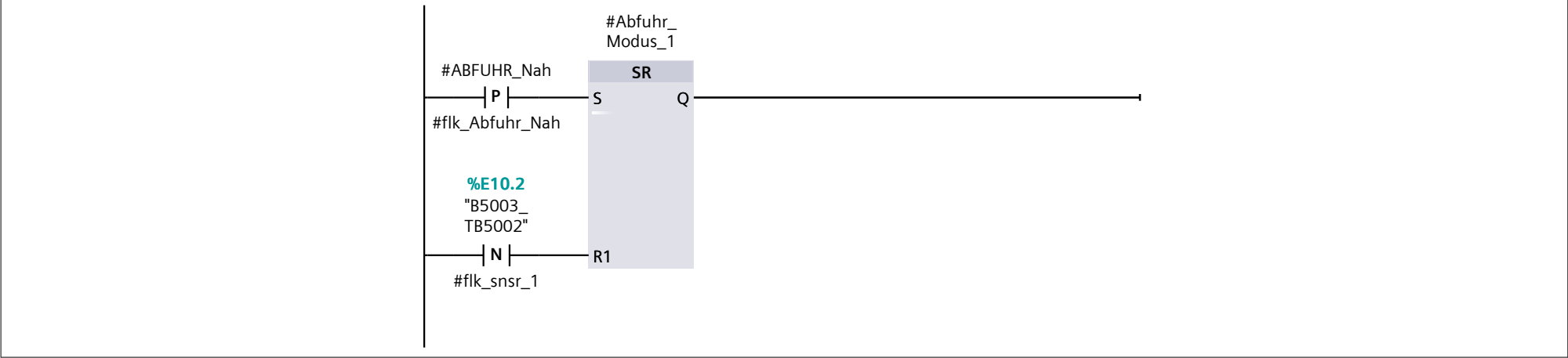
Netzwerk 8: Stop Control for the second LOAD-St

Bedinung um das Band zu stoppen um die Kiste an der Stelle zu beladen



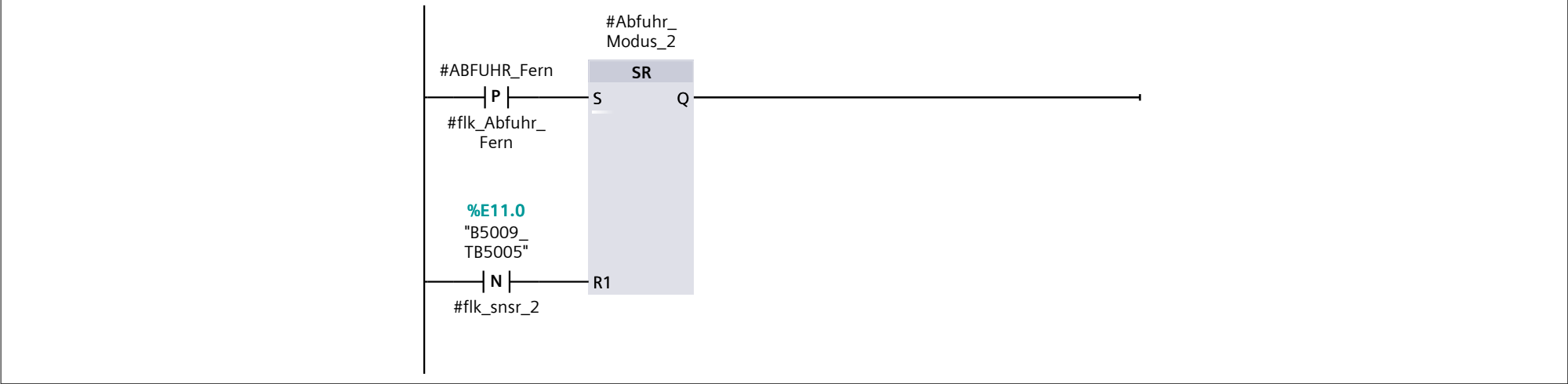
Netzwerk 9: Abfuhr-Kontrolle for the first LOAD-St

Bedienung, ob das Laden schon beendet ist und Kiste darf weiter fahren



Netzwerk 10: Abfuhr-Kontrolle for thesecond LOAD-St

Bedienung, ob das Laden schon beendet ist und Kiste darf weiter fahren



Netzwerk 11: Freigabe OUT

Freigabe an das vorherige Kettenglied



04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Programmbausteine

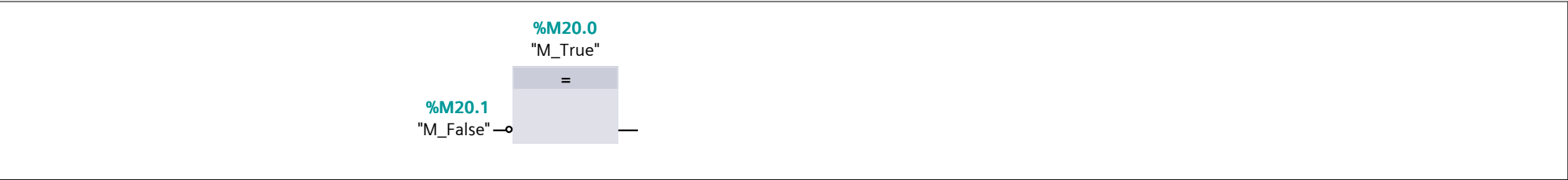
Main [OB1]

| Main Eigenschaften |                              |                       |   |           |    |         |     |
|--------------------|------------------------------|-----------------------|---|-----------|----|---------|-----|
| Allgemein          |                              |                       |   |           |    |         |     |
| Name               | Main                         | Nummer                | 1 | Typ       | OB | Sprache | FUP |
| Nummerierung       | Manuell                      |                       |   |           |    |         |     |
| Information        |                              |                       |   |           |    |         |     |
| Titel              | "Main Program Sweep (Cycle)" | Autor                 |   | Kommentar |    | Familie |     |
| Version            | 0.1                          | Anwenderdefinierte ID |   |           |    |         |     |

| Name           | Datentyp      | Defaultwert |
|----------------|---------------|-------------|
| ▼ Temp         |               |             |
| OB1_EV_CLASS   | Byte          |             |
| OB1_SCAN_1     | Byte          |             |
| OB1_PRIORITY   | Byte          |             |
| OB1_OB_NUMBR   | Byte          |             |
| OB1_RESERVED_1 | Byte          |             |
| OB1_RESERVED_2 | Byte          |             |
| OB1_PREV_CYCLE | Int           |             |
| OB1_MIN_CYCLE  | Int           |             |
| OB1_MAX_CYCLE  | Int           |             |
| OB1_DATE_TIME  | Date_And_Time |             |
| Constant       |               |             |

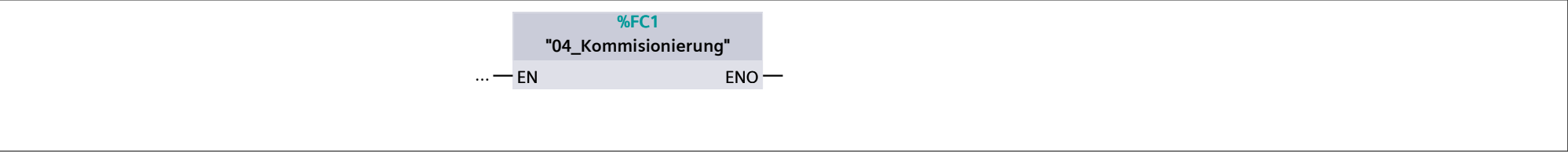
Netzwerk 1: Merker Immer\_TRUE initialisieren

Werden für provisorische Zwecke benutzt, bei der Integration im gesamten Programm müssen ersetzt werden!!!



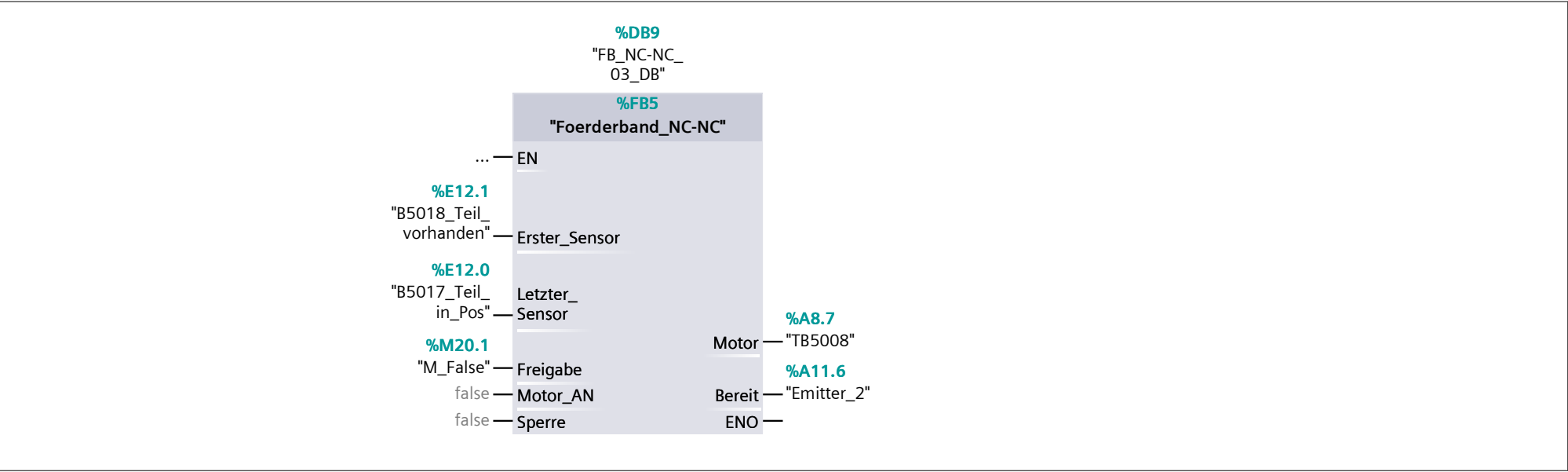
Netzwerk 2: 04\_Kommisionierung

Aufruf AUTOMatik-Betrieb der Kommisionierungslinie OHNE Behandlung von Fehler



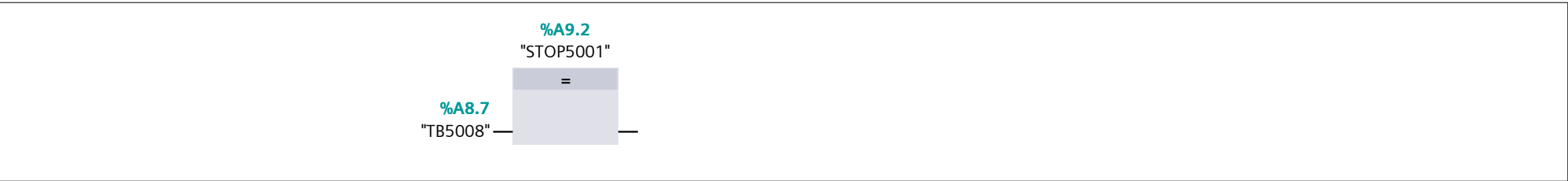
Netzwerk 3: Nahes Zuliefererband

führt blaue Teile zur erster Ladestation, bei der Integration im gesamten Programm müssen ersetzt werden!!!



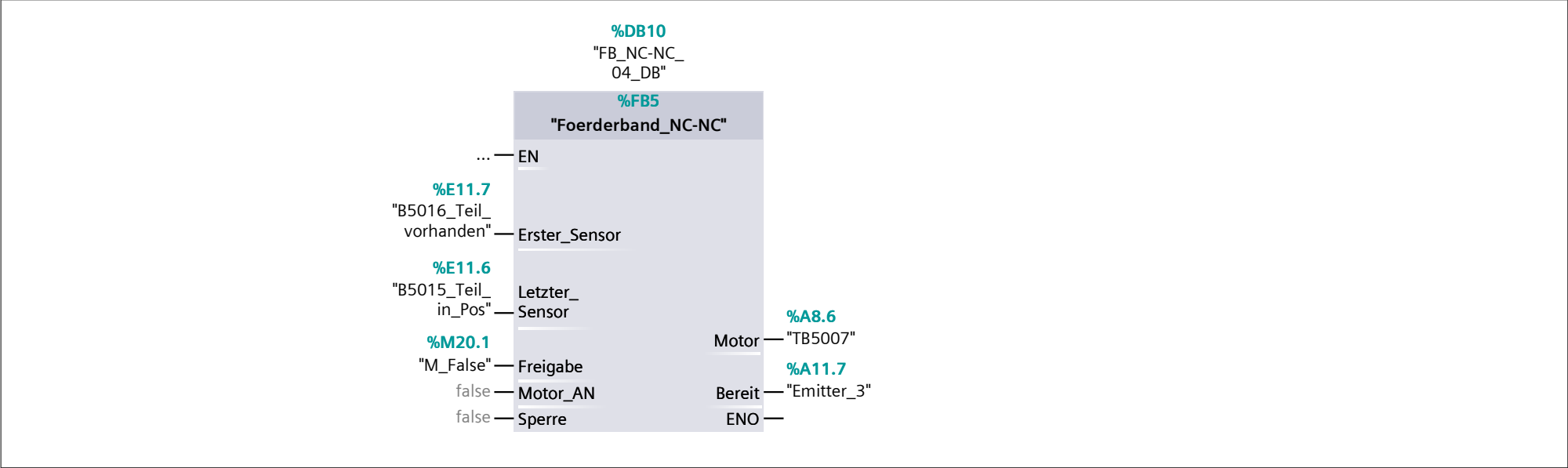
Netzwerk 4: Naher Stopper aktivieren

bei der Integration im gesamten Programm müssen ersetzt werden!!!



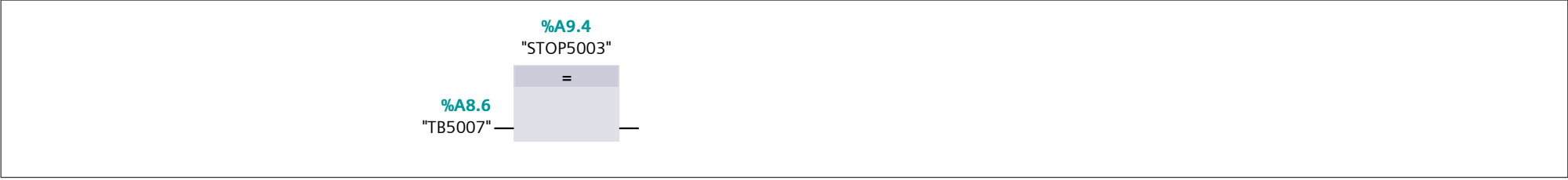
Netzwerk 5: Fernes Zuliefererband

führt blaue Teile zur erster Ladestation, bei der Integration im gesamten Programm müssen ersetzt werden!!!



Netzwerk 6: Ferner Stopper aktivieren

bei der Integration im gesamten Programm müssen ersetzt werden!!!



Totally Integrated Automation Portal

04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Programmbausteine

04-01 LoadLine\_DB [DB1]

04-01 LoadLine\_DB Eigenschaften

Allgemein

|              |                   |             |   |     |    |         |    |
|--------------|-------------------|-------------|---|-----|----|---------|----|
| Name         | 04-01 LoadLine_DB | Nummer      | 1 | Typ | DB | Sprache | DB |
| Nummerierung |                   | Automatisch |   |     |    |         |    |

Information

|         |     |                       |  |           |  |         |  |
|---------|-----|-----------------------|--|-----------|--|---------|--|
| Titel   |     | Autor                 |  | Kommentar |  | Familie |  |
| Version | 0.1 | Anwenderdefinierte ID |  |           |  |         |  |

| Name            | Datentyp     | Startwert | Remanenz |
|-----------------|--------------|-----------|----------|
| ▼ Input         |              |           |          |
| MTP_Sperre      | Bool         | false     | True     |
| FRG_IN          | Bool         | false     | True     |
| BLDN_Fern       | Bool         | false     | True     |
| BLDN_Nah        | Bool         | false     | True     |
| ABFUHR_Fern     | Bool         | false     | True     |
| ABFUHR_Nah      | Bool         | false     | True     |
| ▼ Output        |              |           |          |
| FRG_OUT         | Bool         | false     | True     |
| InOut           |              |           |          |
| ▼ Static        |              |           |          |
| ▼ TB_GNRL_01_DB | "TB_General" |           | True     |
| ▼ Input         |              |           |          |
| snsr_NE         | Bool         | false     | True     |
| snsr_BE         | Bool         | false     | True     |
| snsr_AH         | Bool         | false     | True     |
| snsr_PR         | Bool         | false     | True     |
| Brake_ON        | Bool         | false     | True     |
| Brake_OFF       | Bool         | false     | True     |
| FRG_IN          | Bool         | false     | True     |
| Sperre          | Bool         | false     | True     |
| ▼ Output        |              |           |          |
| aktr_MTR        | Bool         | false     | True     |
| FRT_OUT         | Bool         | false     | True     |
| Uebergabe_Modus | Bool         | false     | True     |
| InOut           |              |           |          |
| ▼ Static        |              |           |          |
| Loaded          | Bool         | false     | True     |
| Movement        | Bool         | false     | True     |
| Brake_Bypass    | Bool         | false     | True     |
| flk_snsr_NE     | Bool         | false     | True     |
| flk_snsr_BE_N   | Bool         | false     | True     |
| flk_snsr_BE_P   | Bool         | false     | True     |
| flk_snsr_AH     | Bool         | false     | True     |
| flk_snsr_PR     | Bool         | false     | True     |
| flk_Auswer_BE_N | Bool         | false     | True     |
| flk_Auswer_AH_P | Bool         | false     | True     |
| flk_Brake_OFF   | Bool         | false     | True     |
| ▼ TB_GNRL_02_DB | "TB_General" |           | True     |
| ▼ Input         |              |           |          |
| snsr_NE         | Bool         | false     | True     |
| snsr_BE         | Bool         | false     | True     |
| snsr_AH         | Bool         | false     | True     |
| snsr_PR         | Bool         | false     | True     |
| Brake_ON        | Bool         | false     | True     |
| Brake_OFF       | Bool         | false     | True     |
| FRG_IN          | Bool         | false     | True     |
| Sperre          | Bool         | false     | True     |
| ▼ Output        |              |           |          |
| aktr_MTR        | Bool         | false     | True     |
| FRT_OUT         | Bool         | false     | True     |
| Uebergabe_Modus | Bool         | false     | True     |
| InOut           |              |           |          |
| ▼ Static        |              |           |          |
| Loaded          | Bool         | false     | True     |
| Movement        | Bool         | false     | True     |
| Brake_Bypass    | Bool         | false     | True     |
| flk_snsr_NE     | Bool         | false     | True     |
| flk_snsr_BE_N   | Bool         | false     | True     |
| flk_snsr_BE_P   | Bool         | false     | True     |
| flk_snsr_AH     | Bool         | false     | True     |
| flk_snsr_PR     | Bool         | false     | True     |
| flk_Auswer_BE_N | Bool         | false     | True     |

| Totally Integrated Automation Portal  |              |           |          |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
|---|--------------|-----------|----------|------|----------|-----------|----------|-----------------|------|-------|------|---------------|------|-------|------|-----------------|--------------|--|------|---------|--|--|--|---------|------|-------|------|---------|------|-------|------|---------|------|-------|------|---------|------|-------|------|----------|------|-------|------|-----------|------|-------|------|--------|------|-------|------|--------|------|-------|------|----------|--|--|--|----------|------|-------|------|---------|------|-------|------|-----------------|------|-------|------|-------|--|--|--|----------|--|--|--|--------|------|-------|------|----------|------|-------|------|--------------|------|-------|------|-------------|------|-------|------|---------------|------|-------|------|---------------|------|-------|------|-------------|------|-------|------|-------------|------|-------|------|-----------------|------|-------|------|-----------------|------|-------|------|---------------|------|-------|------|-----------------|--------------|--|------|---------|--|--|--|---------|------|-------|------|---------|------|-------|------|---------|------|-------|------|---------|------|-------|------|----------|------|-------|------|-----------|------|-------|------|--------|------|-------|------|--------|------|-------|------|----------|--|--|--|----------|------|-------|------|---------|------|-------|------|-----------------|------|-------|------|-------|--|--|--|----------|--|--|--|--------|------|-------|------|----------|------|-------|------|--------------|------|-------|------|-------------|------|-------|------|---------------|------|-------|------|---------------|------|-------|------|-------------|------|-------|------|-------------|------|-------|------|-----------------|------|-------|------|-----------------|------|-------|------|---------------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|-----------|------|-------|------|--------|------|-------|------|--------|------|-------|------|----------------|------|-------|------|----------------|------|-------|------|------------|------|-------|------|------------|------|-------|------|--------------|------|-------|------|-------------|------|-------|------|-------------|------|-------|------|----------------|------|-------|------|-----------------|------|-------|------|--|--|
| <table><tr><th>Name</th><th>Datentyp</th><th>Startwert</th><th>Remanenz</th></tr><tr><td>flk_Auswer_AH_P</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_Brake_OFF</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>▼ TB_GNRL_03_DB</td><td>"TB_General"</td><td></td><td>True</td></tr><tr><td>▼ Input</td><td></td><td></td><td></td></tr><tr><td>snsr_NE</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>snsr_BE</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>snsr_AH</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>snsr_PR</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>Brake_ON</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>Brake_OFF</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>FRG_IN</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>Sperre</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>▼ Output</td><td></td><td></td><td></td></tr><tr><td>aktr_MTR</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>FRT_OUT</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>Uebergabe_Modus</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>InOut</td><td></td><td></td><td></td></tr><tr><td>▼ Static</td><td></td><td></td><td></td></tr><tr><td>Loaded</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>Movement</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>Brake_Bypass</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_snsr_NE</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_snsr_BE_N</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_snsr_BE_P</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_snsr_AH</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_snsr_PR</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_Auswer_BE_N</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_Auswer_AH_P</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_Brake_OFF</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>▼ TB_GNRL_04_DB</td><td>"TB_General"</td><td></td><td>True</td></tr><tr><td>▼ Input</td><td></td><td></td><td></td></tr><tr><td>snsr_NE</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>snsr_BE</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>snsr_AH</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>snsr_PR</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>Brake_ON</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>Brake_OFF</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>FRG_IN</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>Sperre</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>▼ Output</td><td></td><td></td><td></td></tr><tr><td>aktr_MTR</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>FRT_OUT</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>Uebergabe_Modus</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>InOut</td><td></td><td></td><td></td></tr><tr><td>▼ Static</td><td></td><td></td><td></td></tr><tr><td>Loaded</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>Movement</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>Brake_Bypass</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_snsr_NE</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_snsr_BE_N</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_snsr_BE_P</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_snsr_AH</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_snsr_PR</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_Auswer_BE_N</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_Auswer_AH_P</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_Brake_OFF</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>FRG_VAL_1</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>FRG_VAL_2</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>FRG_VAL_3</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>STOP_1</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>STOP_2</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>Abfuhr_Modus_1</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>Abfuhr_Modus_2</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_snsr_1</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_snsr_2</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>FRG_OUT_Temp</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>Uebergabe_1</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>Uebergabe_2</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_Abfuhr_Nah</td><td>Bool</td><td>false</td><td>True</td></tr><tr><td>flk_Abfuhr_Fern</td><td>Bool</td><td>false</td><td>True</td></tr></table> |              |           |          | Name | Datentyp | Startwert | Remanenz | flk_Auswer_AH_P | Bool | false | True | flk_Brake_OFF | Bool | false | True | ▼ TB_GNRL_03_DB | "TB_General" |  | True | ▼ Input |  |  |  | snsr_NE | Bool | false | True | snsr_BE | Bool | false | True | snsr_AH | Bool | false | True | snsr_PR | Bool | false | True | Brake_ON | Bool | false | True | Brake_OFF | Bool | false | True | FRG_IN | Bool | false | True | Sperre | Bool | false | True | ▼ Output |  |  |  | aktr_MTR | Bool | false | True | FRT_OUT | Bool | false | True | Uebergabe_Modus | Bool | false | True | InOut |  |  |  | ▼ Static |  |  |  | Loaded | Bool | false | True | Movement | Bool | false | True | Brake_Bypass | Bool | false | True | flk_snsr_NE | Bool | false | True | flk_snsr_BE_N | Bool | false | True | flk_snsr_BE_P | Bool | false | True | flk_snsr_AH | Bool | false | True | flk_snsr_PR | Bool | false | True | flk_Auswer_BE_N | Bool | false | True | flk_Auswer_AH_P | Bool | false | True | flk_Brake_OFF | Bool | false | True | ▼ TB_GNRL_04_DB | "TB_General" |  | True | ▼ Input |  |  |  | snsr_NE | Bool | false | True | snsr_BE | Bool | false | True | snsr_AH | Bool | false | True | snsr_PR | Bool | false | True | Brake_ON | Bool | false | True | Brake_OFF | Bool | false | True | FRG_IN | Bool | false | True | Sperre | Bool | false | True | ▼ Output |  |  |  | aktr_MTR | Bool | false | True | FRT_OUT | Bool | false | True | Uebergabe_Modus | Bool | false | True | InOut |  |  |  | ▼ Static |  |  |  | Loaded | Bool | false | True | Movement | Bool | false | True | Brake_Bypass | Bool | false | True | flk_snsr_NE | Bool | false | True | flk_snsr_BE_N | Bool | false | True | flk_snsr_BE_P | Bool | false | True | flk_snsr_AH | Bool | false | True | flk_snsr_PR | Bool | false | True | flk_Auswer_BE_N | Bool | false | True | flk_Auswer_AH_P | Bool | false | True | flk_Brake_OFF | Bool | false | True | FRG_VAL_1 | Bool | false | True | FRG_VAL_2 | Bool | false | True | FRG_VAL_3 | Bool | false | True | STOP_1 | Bool | false | True | STOP_2 | Bool | false | True | Abfuhr_Modus_1 | Bool | false | True | Abfuhr_Modus_2 | Bool | false | True | flk_snsr_1 | Bool | false | True | flk_snsr_2 | Bool | false | True | FRG_OUT_Temp | Bool | false | True | Uebergabe_1 | Bool | false | True | Uebergabe_2 | Bool | false | True | flk_Abfuhr_Nah | Bool | false | True | flk_Abfuhr_Fern | Bool | false | True |  |  |
| Name  | Datentyp     | Startwert | Remanenz |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_Auswer_AH_P   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_Brake_OFF   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| ▼ TB_GNRL_03_DB   | "TB_General" |           | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| ▼ Input   |              |           |          |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| snsr_NE   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| snsr_BE   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| snsr_AH   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| snsr_PR   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| Brake_ON  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| Brake_OFF   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| FRG_IN  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| Sperre  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| ▼ Output  |              |           |          |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| aktr_MTR  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| FRT_OUT   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| Uebergabe_Modus   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| InOut   |              |           |          |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| ▼ Static  |              |           |          |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| Loaded  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| Movement  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| Brake_Bypass  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_snsr_NE   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_snsr_BE_N   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_snsr_BE_P   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_snsr_AH   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_snsr_PR   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_Auswer_BE_N   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_Auswer_AH_P   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_Brake_OFF   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| ▼ TB_GNRL_04_DB   | "TB_General" |           | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| ▼ Input   |              |           |          |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| snsr_NE   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| snsr_BE   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| snsr_AH   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| snsr_PR   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| Brake_ON  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| Brake_OFF   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| FRG_IN  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| Sperre  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| ▼ Output  |              |           |          |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| aktr_MTR  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| FRT_OUT   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| Uebergabe_Modus   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| InOut   |              |           |          |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| ▼ Static  |              |           |          |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| Loaded  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| Movement  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| Brake_Bypass  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_snsr_NE   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_snsr_BE_N   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_snsr_BE_P   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_snsr_AH   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_snsr_PR   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_Auswer_BE_N   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_Auswer_AH_P   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_Brake_OFF   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| FRG_VAL_1   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| FRG_VAL_2   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| FRG_VAL_3   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| STOP_1  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| STOP_2  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| Abfuhr_Modus_1  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| Abfuhr_Modus_2  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_snsr_1  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_snsr_2  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| FRG_OUT_Temp  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| Uebergabe_1   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| Uebergabe_2   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_Abfuhr_Nah  | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |
| flk_Abfuhr_Fern   | Bool         | false     | True     |      |          |           |          |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |                 |              |  |      |         |  |  |  |         |      |       |      |         |      |       |      |         |      |       |      |         |      |       |      |          |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |          |  |  |  |          |      |       |      |         |      |       |      |                 |      |       |      |       |  |  |  |          |  |  |  |        |      |       |      |          |      |       |      |              |      |       |      |             |      |       |      |               |      |       |      |               |      |       |      |             |      |       |      |             |      |       |      |                 |      |       |      |                 |      |       |      |               |      |       |      |           |      |       |      |           |      |       |      |           |      |       |      |        |      |       |      |        |      |       |      |                |      |       |      |                |      |       |      |            |      |       |      |            |      |       |      |              |      |       |      |             |      |       |      |             |      |       |      |                |      |       |      |                 |      |       |      |  |  |



04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Programmbausteine

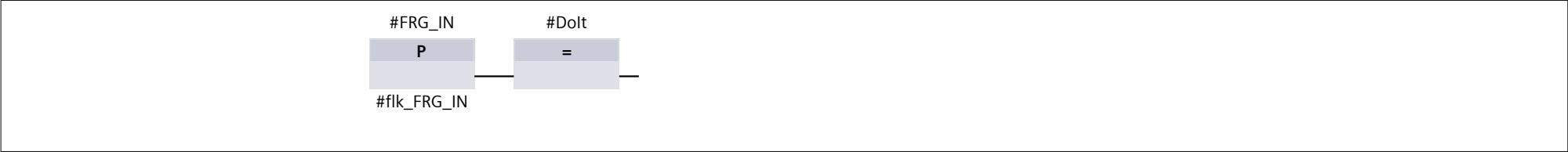
04-00 Kistenerzeugung [FB4]

| 04-00 Kistenerzeugung Eigenschaften |   |                       |   |           |  |         |     |
|-------------------------------------|---|-----------------------|---|-----------|--|---------|-----|
| Allgemein                           |   |                       |   |           |  |         |     |
| Name                                | 04-00 Kistenerzeugung                     | Nummer                | 4 | Typ       | FB   | Sprache | FUP |
| Nummerierung                        | Automatisch                               |                       |   |           |  |         |     |
| Information                         |   |                       |   |           |  |         |     |
| Titel                               | Kistenerzeugung von 2 Arten: NAH und FENR | Autor                 |   | Kommentar | Die Kisten für beide Stationen werden immer abwechselnd erzeugt und dementsprechend markiert | Familie |     |
| Version                             | 0.1                                       | Anwenderdefinierte ID |   |           |  |         |     |

| Name       | Datentyp | Defaultwert |
|------------|----------|-------------|
| ▼ Input    |          |             |
| FRG_IN     | Bool     | false       |
| Start      | Bool     | false       |
| snsr_V     | Bool     | false       |
| ▼ Output   |          |             |
| Emmitter   | Bool     | false       |
| Kiste_Nah  | Bool     | false       |
| Kiste_Fern | Bool     | false       |
| InOut      |          |             |
| ▼ Static   |          |             |
| flk_FRG_IN | Bool     | false       |
| Dolt       | Bool     | false       |
| flk_snsr_V | Bool     | false       |
| Temp       |          |             |
| Constant   |          |             |

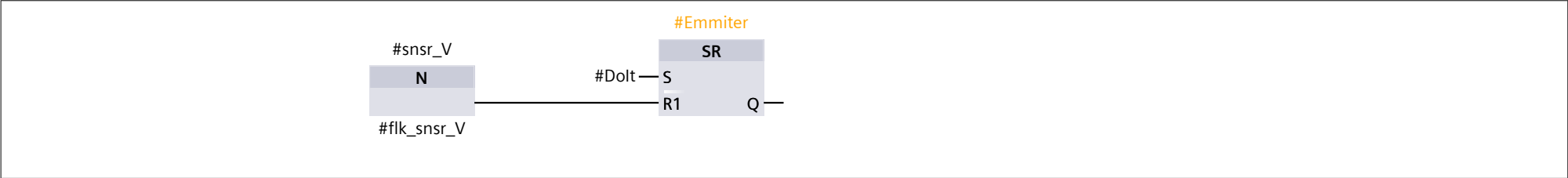
Netzwerk 1: Flanken Erkennung

Erkennung des Momentes wenn das Band freigeworden ist



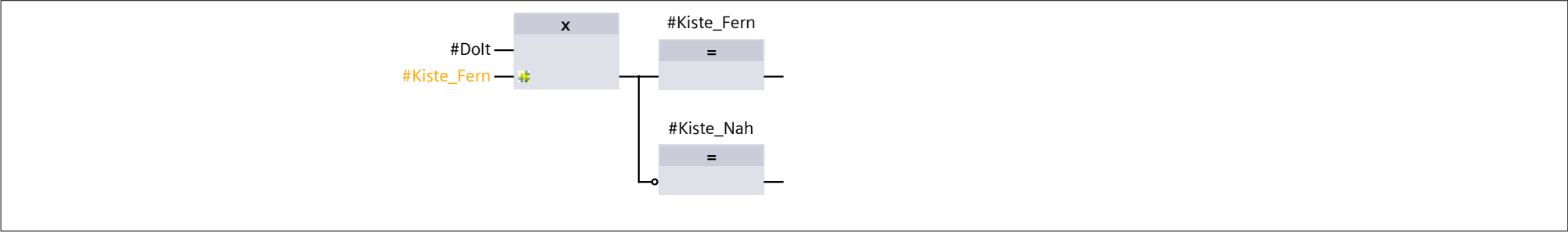
Netzwerk 2: Kiste erzeugen

Der Emmitter in Factory IO funktioniert nicht immer vernünftig mit Aktivierung durch ein einziger Takt, deswegen Verzögerung



Netzwerk 3: Stromstoß-Schalter für NAH / FERN

Wird abwächselnd nahe und ferne Kiste hergestellt



Totally Integrated Automation Portal

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04\_00 Kistenerzeugung\_DB [DB2]

04\_00 Kistenerzeugung\_DB Eigenschaften

Allgemein

|              |                          |        |   |     |    |         |    |
|--------------|--------------------------|--------|---|-----|----|---------|----|
| Name         | 04_00 Kistenerzeugung_DB | Nummer | 2 | Typ | DB | Sprache | DB |
| Nummerierung | Automatisch              |        |   |     |    |         |    |

Information

|         |     |                       |  |           |  |         |  |
|---------|-----|-----------------------|--|-----------|--|---------|--|
| Titel   |     | Autor                 |  | Kommentar |  | Familie |  |
| Version | 0.1 | Anwenderdefinierte ID |  |           |  |         |  |

| Name       | Datentyp | Startwert | Remanenz |
|------------|----------|-----------|----------|
| ▼ Input    |          |           |          |
| FRG_IN     | Bool     | false     | True     |
| Start      | Bool     | false     | True     |
| snsr_V     | Bool     | false     | True     |
| ▼ Output   |          |           |          |
| Emmitter   | Bool     | false     | True     |
| Kiste_Nah  | Bool     | false     | True     |
| Kiste_Fern | Bool     | false     | True     |
| InOut      |          |           |          |
| ▼ Static   |          |           |          |
| flk_FRG_IN | Bool     | false     | True     |
| Dolt       | Bool     | false     | True     |
| flk_snsr_V | Bool     | false     | True     |

04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Programmbausteine

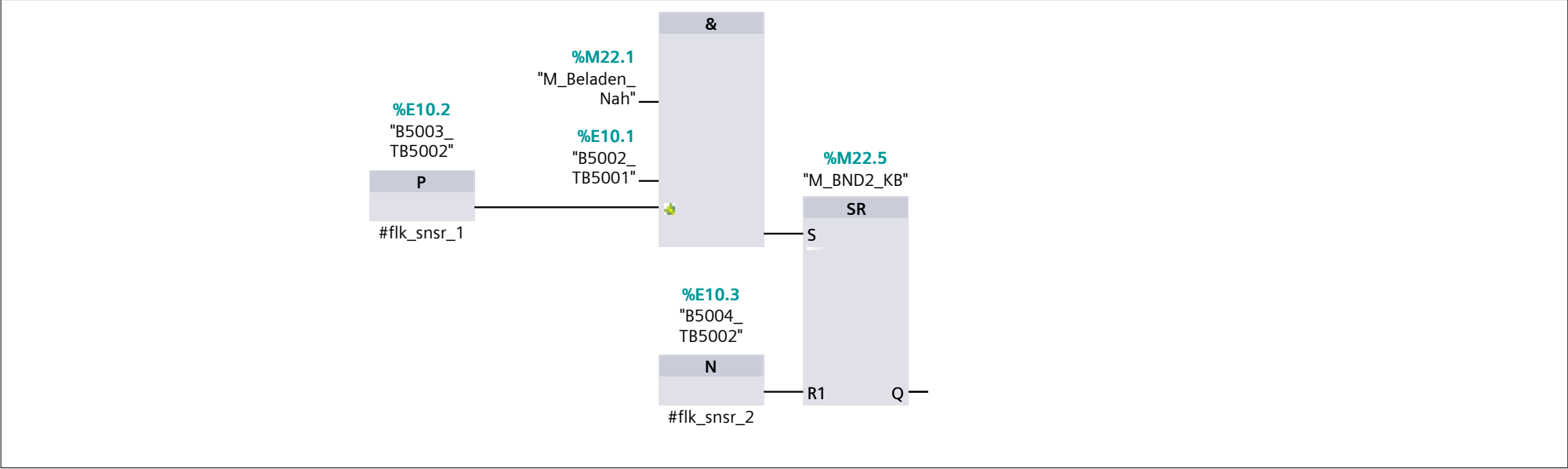
04-02 Kistengedaechnis [FB3]

| 04-02 Kistengedaechnis Eigenschaften |   |                       |   |           |   |         |     |
|--------------------------------------|---|-----------------------|---|-----------|---|---------|-----|
| Allgemein                            |   |                       |   |           |   |         |     |
| Name                                 | 04-02 Kistengedaechnis  | Nummer                | 3 | Typ       | FB  | Sprache | FUP |
| Nummerierung                         | Automatisch   |                       |   |           |   |         |     |
| Information                          |   |                       |   |           |   |         |     |
| Titel                                | Speichert den Vervendungs-zweck jeder Kiste zwischen beiden Ladestationen | Autor                 |   | Kommentar | Es gibt 3 globale Merker für jedes Band, wo Kistenstatus gespeichert und weitergegeben wird | Familie |     |
| Version                              | 0.1   | Anwenderdefinierte ID |   |           |   |         |     |

| Name       | Datentyp | Defaultwert |
|------------|----------|-------------|
| Input      |          |             |
| Output     |          |             |
| InOut      |          |             |
| ▼ Static   |          |             |
| flk_snsr_1 | Bool     | false       |
| flk_snsr_2 | Bool     | false       |
| flk_snsr_3 | Bool     | false       |
| flk_snsr_4 | Bool     | false       |
| flk_snsr_5 | Bool     | false       |
| flk_snsr_6 | Bool     | false       |
| Temp       |          |             |
| Constant   |          |             |

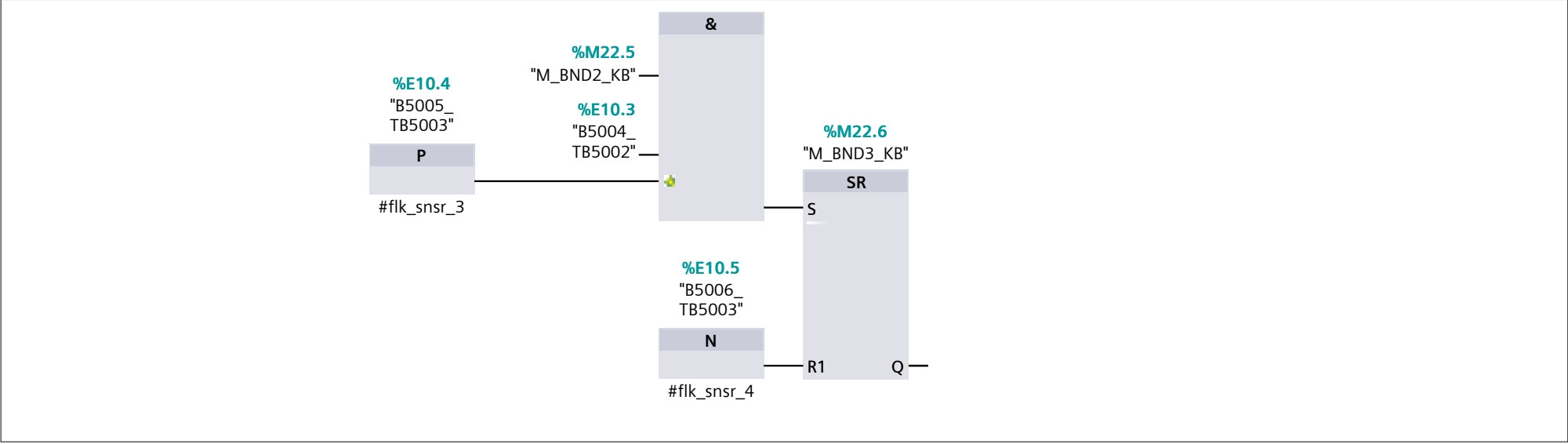
Netzwerk 1: Kiste beladen auf zweitem Band

Wenn Merker aktiv ist, dann bedeutet, dass die Kiste auf diesem Band schon beladen ist, andersrum - leer



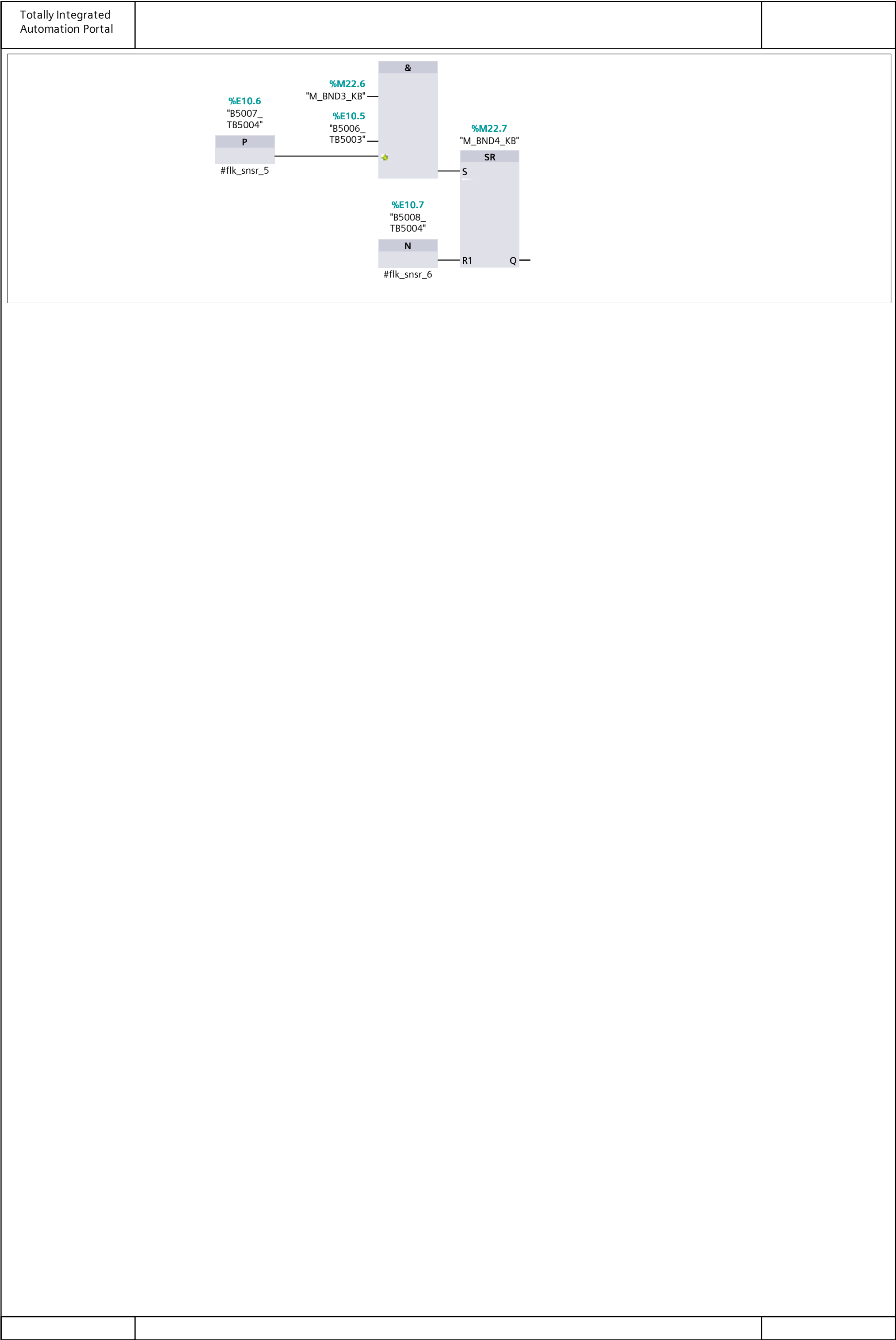
Netzwerk 2: Kiste beladen auf drittem Band

Wenn Merker aktiv ist, dann bedeutet, dass die Kiste auf diesem Band schon beladen ist, andersrum - leer



Netzwerk 3: Kiste beladen auf viertem Band

Wenn Merker aktiv ist, dann bedeutet, dass die Kiste auf diesem Band schon beladen ist, andersrum - leer



|                                      |  |  |
|--------------------------------------|--|--|
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|--------------------------------------|--|--|

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Kistengedaechnis\_DB [DB4]

Kistengedaechnis\_DB Eigenschaften

Allgemein

|              |                     |        |   |     |    |         |    |
|--------------|---------------------|--------|---|-----|----|---------|----|
| Name         | Kistengedaechnis_DB | Nummer | 4 | Typ | DB | Sprache | DB |
| Nummerierung | Automatisch         |        |   |     |    |         |    |

Information

|         |     |                       |  |           |  |         |  |
|---------|-----|-----------------------|--|-----------|--|---------|--|
| Titel   |     | Autor                 |  | Kommentar |  | Familie |  |
| Version | 0.1 | Anwenderdefinierte ID |  |           |  |         |  |

| Name       | Datentyp | Startwert | Remanenz |
|------------|----------|-----------|----------|
| Input      |          |           |          |
| Output     |          |           |          |
| InOut      |          |           |          |
| ▼ Static   |          |           |          |
| flk_snsr_1 | Bool     | false     | True     |
| flk_snsr_2 | Bool     | false     | True     |
| flk_snsr_3 | Bool     | false     | True     |
| flk_snsr_4 | Bool     | false     | True     |
| flk_snsr_5 | Bool     | false     | True     |
| flk_snsr_6 | Bool     | false     | True     |

04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Programmbausteine

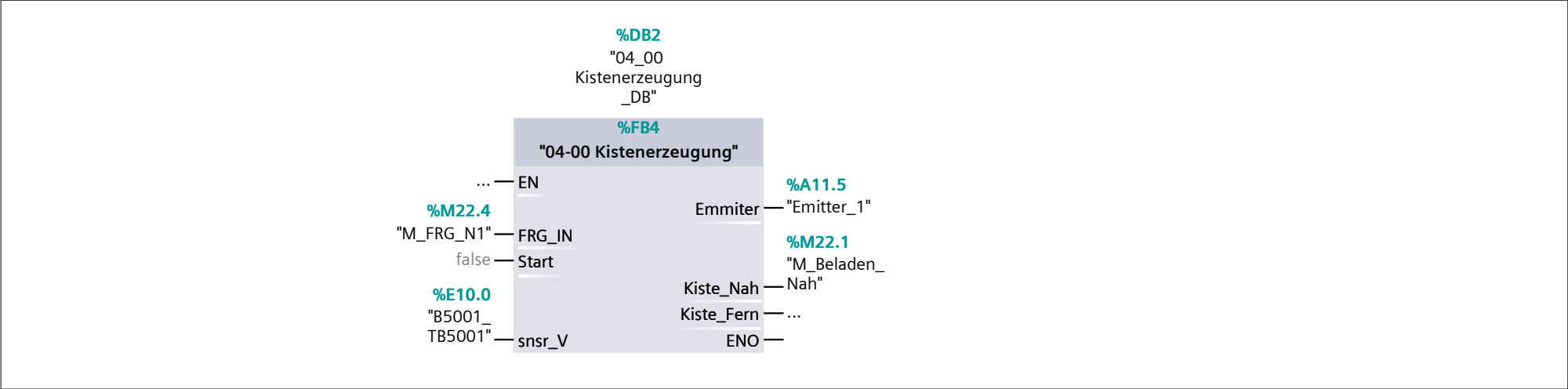
04\_Kommisionierung [FC1]

| 04_Kommisionierung Eigenschaften |  |                       |   |           |   |         |     |
|----------------------------------|--|-----------------------|---|-----------|---|---------|-----|
| Allgemein                        |  |                       |   |           |   |         |     |
| Name                             | 04_Kommisionierung   | Nummer                | 1 | Typ       | FC  | Sprache | FUP |
| Nummerierung                     | Automatisch  |                       |   |           |   |         |     |
| Information                      |  |                       |   |           |   |         |     |
| Titel                            | Automatikbetrieb für das Project 04-Kommisionierung mit Factory IO | Autor                 |   | Kommentar | Das Programm gewährleitet NUR AUTOMATK-Betrieb OHNE Beachtung NOT-HALT und Schalter EIN/AUS. Muss separat realisiert werden (ist vom mir in "03-Fertigung" entwickelt). Für den Pick-and-Place Manipulator muss zusätzlicht zu den Schritten eine Bedinung hinzugefügt werden, die prüft, ob NOT-HALT aktiv ist, falls dann darf der nächster Schrit nicht aktiviert werden, eigentlich ganz einfache Änderung. | Familie |     |
| Version                          | 0.1  | Anwenderdefinierte ID |   |           |   |         |     |

| Name               | Datentyp | Defaultwert |
|--------------------|----------|-------------|
| Input              |          |             |
| Output             |          |             |
| InOut              |          |             |
| Temp               |          |             |
| Constant           |          |             |
| ▼ Return           |          |             |
| 04_Kommisionierung | Void     |             |

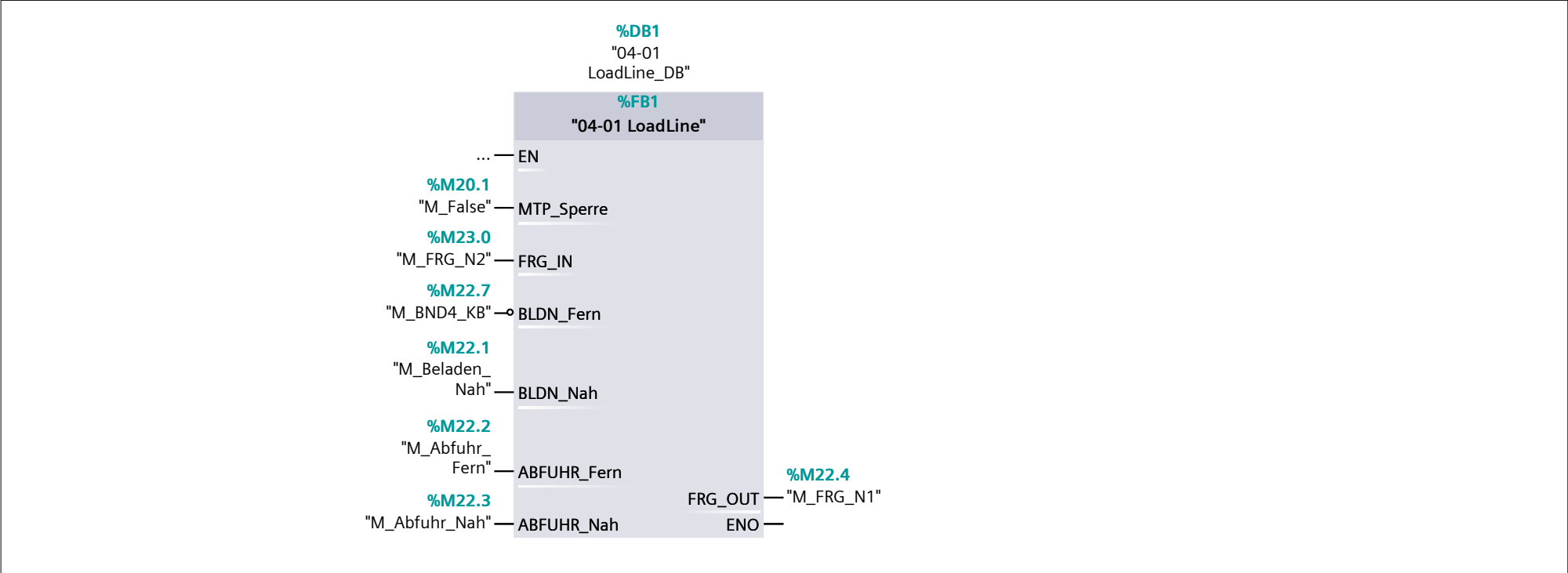
Netzwerk 1: 04-00 Kistenerzeugung

Hier werden die Kisten dauernd erzeugt sobald das erste Band frei ist und abwechselnd markiert für die nähere und ferne Ladestation



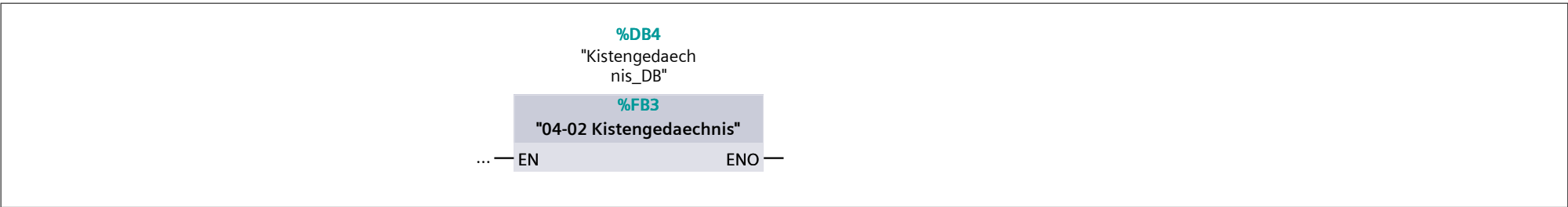
Netzwerk 2: 04-01 LoadLinie mit 2 PAP

Die Reihe von Förderbenden, wo die leere Kisten mit den Teilen beladen werden und zur Sortierstation weitergegeben



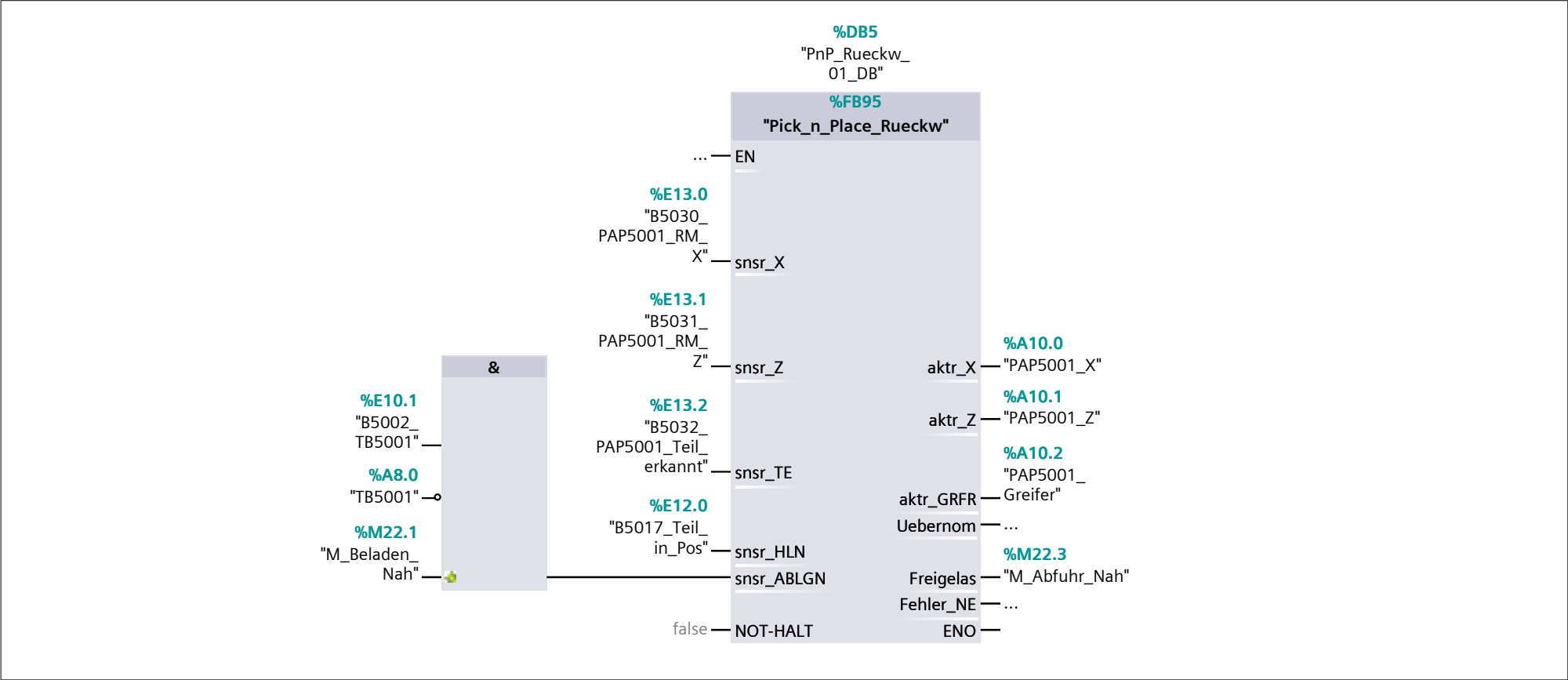
Netzwerk 3: 04-02 Kistengedaechnis

Hier wird der Status (beladen/leer) jeder Kiste gespeichert zwischen beined Ladestationen



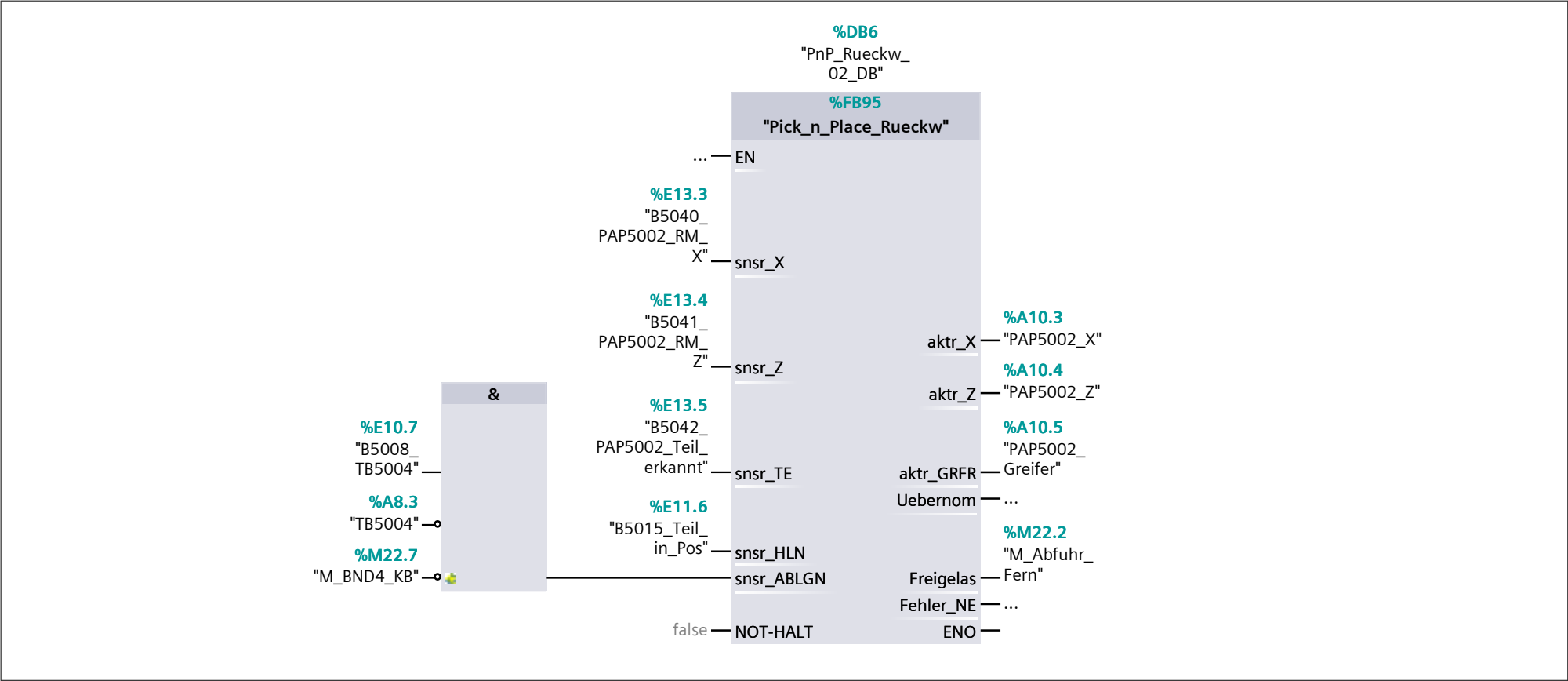
Netzwerk 4: 04-03 Erstes PAP-Manipulator

Schrittkettenprogramm für den ersten PAP



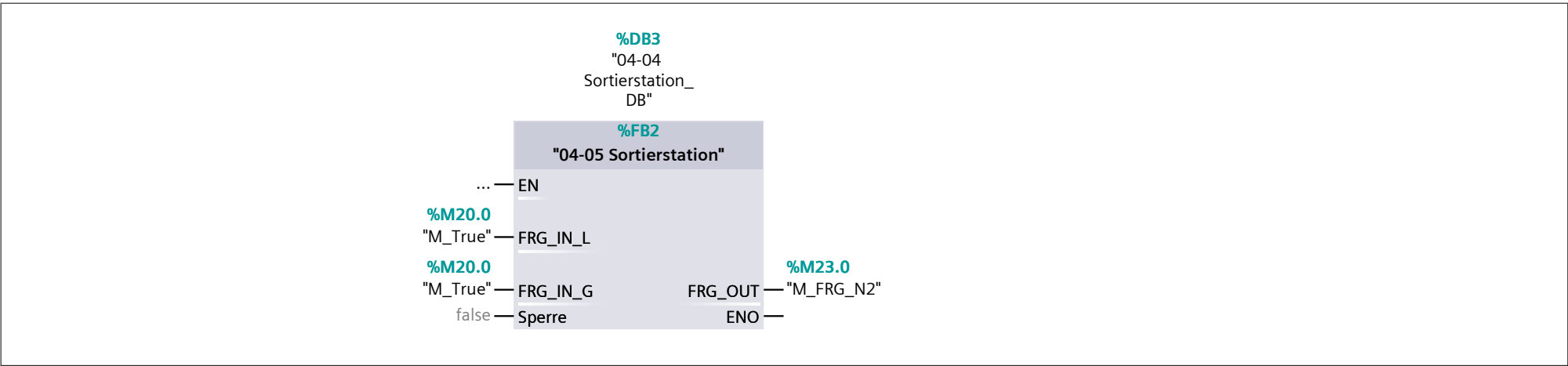
Netzwerk 5: 04-04 Zweites PAP-Manipulator

Schrittkettenprogramm für den zweiten PAP



Netzwerk 6: 04-05 Sortierstation





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04-05 Sortierstation [FB2]

04-05 Sortierstation Eigenschaften

Allgemein

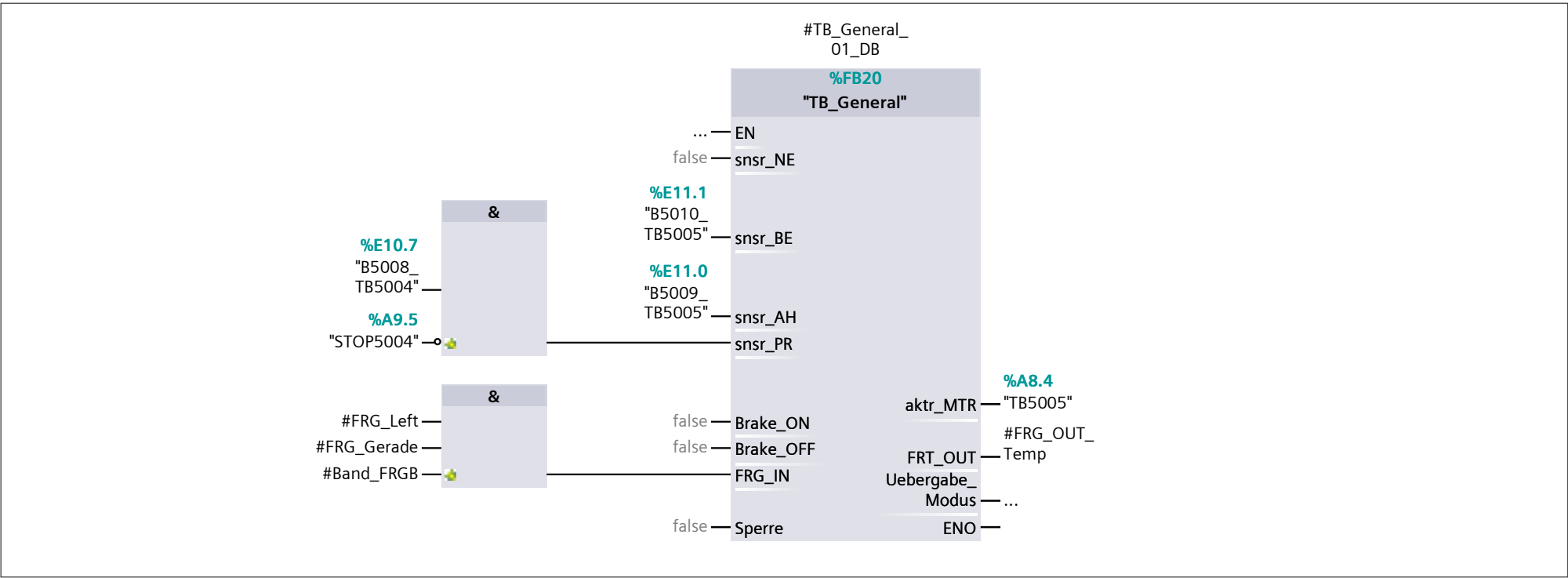
|              |                      |        |   |     |    |         |     |
|--------------|----------------------|--------|---|-----|----|---------|-----|
| Name         | 04-05 Sortierstation | Nummer | 2 | Typ | FB | Sprache | FUP |
| Nummerierung | Automatisch          |        |   |     |    |         |     |

Information

|         |   |                       |  |           |  |         |  |
|---------|---|-----------------------|--|-----------|--|---------|--|
| Titel   | Sortierstation nach der Farbe, besteht aus 4 Teilen | Autor                 |  | Kommentar | Zur Station gehört das Band vor der Weiche mit Farbsensoren, die Weiche selbst und das Band nach der Weiche und noch 2 Bänder, die nach links von der Weiche führen. | Familie |  |
| Version | 0.1   | Anwenderdefinierte ID |  |           |  |         |  |

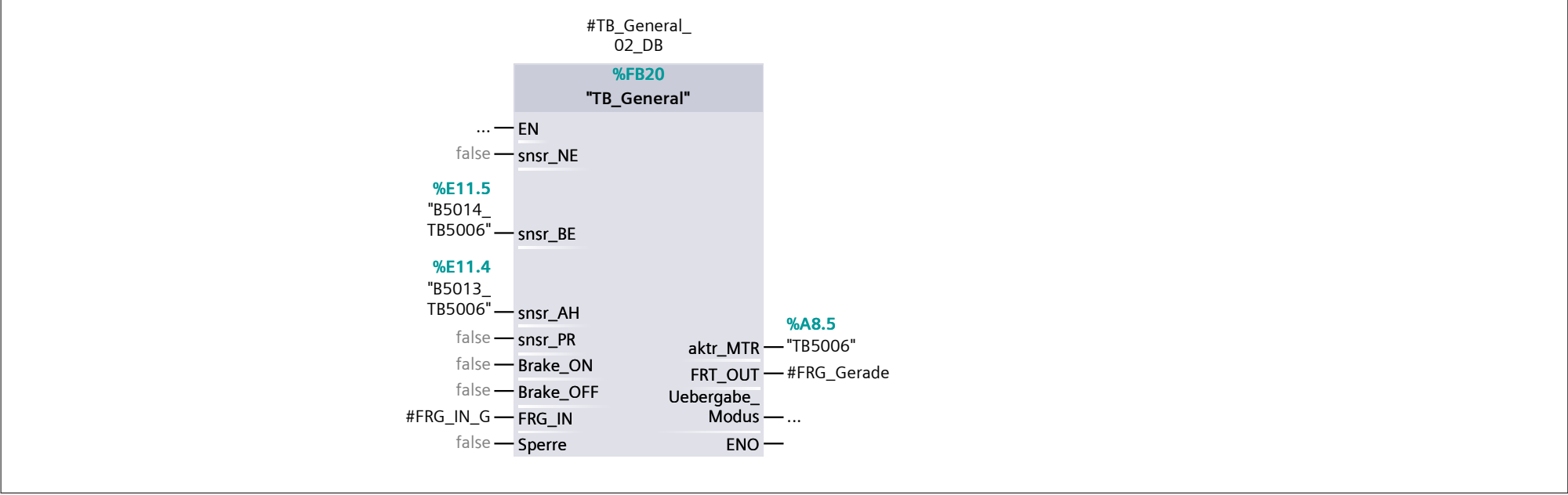
| Name               | Datentyp     | Defaultwert |
|--------------------|--------------|-------------|
| ▼ Input            |              |             |
| FRG_IN_L           | Bool         | false       |
| FRG_IN_G           | Bool         | false       |
| Sperre             | Bool         | false       |
| ▼ Output           |              |             |
| FRG_OUT            | Bool         | false       |
| InOut              |              |             |
| ▼ Static           |              |             |
| ▼ TB_General_01_DB | "TB_General" |             |
| ▼ Input            |              |             |
| snsr_NE            | Bool         | false       |
| snsr_BE            | Bool         | false       |
| snsr_AH            | Bool         | false       |
| snsr_PR            | Bool         | false       |
| Brake_ON           | Bool         | false       |
| Brake_OFF          | Bool         | false       |
| FRG_IN             | Bool         | false       |
| Sperre             | Bool         | false       |
| ▼ Output           |              |             |
| aktr_MTR           | Bool         | false       |
| FRT_OUT            | Bool         | false       |
| Uebergabe_Modus    | Bool         | false       |
| InOut              |              |             |
| ▼ Static           |              |             |
| Loaded             | Bool         | false       |
| Movement           | Bool         | false       |
| Brake_Bypass       | Bool         | false       |
| flk_snsr_NE        | Bool         | false       |
| flk_snsr_BE_N      | Bool         | false       |
| flk_snsr_BE_P      | Bool         | false       |
| flk_snsr_AH        | Bool         | false       |
| flk_snsr_PR        | Bool         | false       |
| flk_Auswer_BE_N    | Bool         | false       |
| flk_Auswer_AH_P    | Bool         | false       |
| flk_Brake_OFF      | Bool         | false       |
| ▼ TB_General_02_DB | "TB_General" |             |
| ▼ Input            |              |             |
| snsr_NE            | Bool         | false       |
| snsr_BE            | Bool         | false       |
| snsr_AH            | Bool         | false       |
| snsr_PR            | Bool         | false       |
| Brake_ON           | Bool         | false       |
| Brake_OFF          | Bool         | false       |
| FRG_IN             | Bool         | false       |
| Sperre             | Bool         | false       |
| ▼ Output           |              |             |
| aktr_MTR           | Bool         | false       |
| FRT_OUT            | Bool         | false       |
| Uebergabe_Modus    | Bool         | false       |
| InOut              |              |             |
| ▼ Static           |              |             |
| Loaded             | Bool         | false       |
| Movement           | Bool         | false       |
| Brake_Bypass       | Bool         | false       |
| flk_snsr_NE        | Bool         | false       |
| flk_snsr_BE_N      | Bool         | false       |
| flk_snsr_BE_P      | Bool         | false       |
| flk_snsr_AH        | Bool         | false       |
| flk_snsr_PR        | Bool         | false       |

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|--|--------------|-------------|-------------|-----------------|------|-------|-----------------|------|-------|---------------|------|-------|--------------------|--------------|--|---------|--|--|---------|------|-------|---------|------|-------|---------|------|-------|---------|------|-------|----------|------|-------|-----------|------|-------|--------|------|-------|--------|------|-------|----------|--|--|----------|------|-------|---------|------|-------|-----------------|------|-------|-------|--|--|----------|--|--|--------|------|-------|----------|------|-------|--------------|------|-------|-------------|------|-------|---------------|------|-------|---------------|------|-------|-------------|------|-------|-------------|------|-------|-----------------|------|-------|-----------------|------|-------|---------------|------|-------|--------------------|--------------|--|---------|--|--|---------|------|-------|---------|------|-------|---------|------|-------|---------|------|-------|----------|------|-------|-----------|------|-------|--------|------|-------|--------|------|-------|----------|--|--|----------|------|-------|---------|------|-------|-----------------|------|-------|-------|--|--|----------|--|--|--------|------|-------|----------|------|-------|--------------|------|-------|-------------|------|-------|---------------|------|-------|---------------|------|-------|-------------|------|-------|-------------|------|-------|-----------------|------|-------|-----------------|------|-------|---------------|------|-------|----------|------|-------|------------|------|-------|----------------|------|-------|--------------|------|-------|----------|------|-------|-------------|------|-------|--------|------|-------|--------|------|-------|------------|------|-------|------------|------|-------|------------|------|-------|-----------|------|-------|--------------|------|-------|--------------|------|-------|------|--|--|----------|--|--|--|--|
| <table><tr><th>Name</th><th>Datentyp</th><th>Defaultwert</th></tr><tr><td>flk_Auswer_BE_N</td><td>Bool</td><td>false</td></tr><tr><td>flk_Auswer_AH_P</td><td>Bool</td><td>false</td></tr><tr><td>flk_Brake_OFF</td><td>Bool</td><td>false</td></tr><tr><td>▼ TB_General_03_DB</td><td>"TB_General"</td><td></td></tr><tr><td>▼ Input</td><td></td><td></td></tr><tr><td>snsr_NE</td><td>Bool</td><td>false</td></tr><tr><td>snsr_BE</td><td>Bool</td><td>false</td></tr><tr><td>snsr_AH</td><td>Bool</td><td>false</td></tr><tr><td>snsr_PR</td><td>Bool</td><td>false</td></tr><tr><td>Brake_ON</td><td>Bool</td><td>false</td></tr><tr><td>Brake_OFF</td><td>Bool</td><td>false</td></tr><tr><td>FRG_IN</td><td>Bool</td><td>false</td></tr><tr><td>Sperre</td><td>Bool</td><td>false</td></tr><tr><td>▼ Output</td><td></td><td></td></tr><tr><td>aktr_MTR</td><td>Bool</td><td>false</td></tr><tr><td>FRT_OUT</td><td>Bool</td><td>false</td></tr><tr><td>Uebergabe_Modus</td><td>Bool</td><td>false</td></tr><tr><td>InOut</td><td></td><td></td></tr><tr><td>▼ Static</td><td></td><td></td></tr><tr><td>Loaded</td><td>Bool</td><td>false</td></tr><tr><td>Movement</td><td>Bool</td><td>false</td></tr><tr><td>Brake_Bypass</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_NE</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_BE_N</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_BE_P</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_AH</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_PR</td><td>Bool</td><td>false</td></tr><tr><td>flk_Auswer_BE_N</td><td>Bool</td><td>false</td></tr><tr><td>flk_Auswer_AH_P</td><td>Bool</td><td>false</td></tr><tr><td>flk_Brake_OFF</td><td>Bool</td><td>false</td></tr><tr><td>▼ TB_General_04_DB</td><td>"TB_General"</td><td></td></tr><tr><td>▼ Input</td><td></td><td></td></tr><tr><td>snsr_NE</td><td>Bool</td><td>false</td></tr><tr><td>snsr_BE</td><td>Bool</td><td>false</td></tr><tr><td>snsr_AH</td><td>Bool</td><td>false</td></tr><tr><td>snsr_PR</td><td>Bool</td><td>false</td></tr><tr><td>Brake_ON</td><td>Bool</td><td>false</td></tr><tr><td>Brake_OFF</td><td>Bool</td><td>false</td></tr><tr><td>FRG_IN</td><td>Bool</td><td>false</td></tr><tr><td>Sperre</td><td>Bool</td><td>false</td></tr><tr><td>▼ Output</td><td></td><td></td></tr><tr><td>aktr_MTR</td><td>Bool</td><td>false</td></tr><tr><td>FRT_OUT</td><td>Bool</td><td>false</td></tr><tr><td>Uebergabe_Modus</td><td>Bool</td><td>false</td></tr><tr><td>InOut</td><td></td><td></td></tr><tr><td>▼ Static</td><td></td><td></td></tr><tr><td>Loaded</td><td>Bool</td><td>false</td></tr><tr><td>Movement</td><td>Bool</td><td>false</td></tr><tr><td>Brake_Bypass</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_NE</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_BE_N</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_BE_P</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_AH</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_PR</td><td>Bool</td><td>false</td></tr><tr><td>flk_Auswer_BE_N</td><td>Bool</td><td>false</td></tr><tr><td>flk_Auswer_AH_P</td><td>Bool</td><td>false</td></tr><tr><td>flk_Brake_OFF</td><td>Bool</td><td>false</td></tr><tr><td>FRG_Left</td><td>Bool</td><td>false</td></tr><tr><td>FRG_Gerade</td><td>Bool</td><td>false</td></tr><tr><td>FRG_Left_Mitte</td><td>Bool</td><td>false</td></tr><tr><td>FRG_OUT_Temp</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr</td><td>Bool</td><td>false</td></tr><tr><td>Eingegangen</td><td>Bool</td><td>false</td></tr><tr><td>Teil_G</td><td>Bool</td><td>false</td></tr><tr><td>Teil_B</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_2</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_3</td><td>Bool</td><td>false</td></tr><tr><td>flk_snsr_4</td><td>Bool</td><td>false</td></tr><tr><td>Band_FRGB</td><td>Bool</td><td>false</td></tr><tr><td>flk_erkenn_l</td><td>Bool</td><td>false</td></tr><tr><td>flk_erkenn_g</td><td>Bool</td><td>false</td></tr><tr><td>Temp</td><td></td><td></td></tr><tr><td>Constant</td><td></td><td></td></tr></table> | Name         | Datentyp    | Defaultwert | flk_Auswer_BE_N | Bool | false | flk_Auswer_AH_P | Bool | false | flk_Brake_OFF | Bool | false | ▼ TB_General_03_DB | "TB_General" |  | ▼ Input |  |  | snsr_NE | Bool | false | snsr_BE | Bool | false | snsr_AH | Bool | false | snsr_PR | Bool | false | Brake_ON | Bool | false | Brake_OFF | Bool | false | FRG_IN | Bool | false | Sperre | Bool | false | ▼ Output |  |  | aktr_MTR | Bool | false | FRT_OUT | Bool | false | Uebergabe_Modus | Bool | false | InOut |  |  | ▼ Static |  |  | Loaded | Bool | false | Movement | Bool | false | Brake_Bypass | Bool | false | flk_snsr_NE | Bool | false | flk_snsr_BE_N | Bool | false | flk_snsr_BE_P | Bool | false | flk_snsr_AH | Bool | false | flk_snsr_PR | Bool | false | flk_Auswer_BE_N | Bool | false | flk_Auswer_AH_P | Bool | false | flk_Brake_OFF | Bool | false | ▼ TB_General_04_DB | "TB_General" |  | ▼ Input |  |  | snsr_NE | Bool | false | snsr_BE | Bool | false | snsr_AH | Bool | false | snsr_PR | Bool | false | Brake_ON | Bool | false | Brake_OFF | Bool | false | FRG_IN | Bool | false | Sperre | Bool | false | ▼ Output |  |  | aktr_MTR | Bool | false | FRT_OUT | Bool | false | Uebergabe_Modus | Bool | false | InOut |  |  | ▼ Static |  |  | Loaded | Bool | false | Movement | Bool | false | Brake_Bypass | Bool | false | flk_snsr_NE | Bool | false | flk_snsr_BE_N | Bool | false | flk_snsr_BE_P | Bool | false | flk_snsr_AH | Bool | false | flk_snsr_PR | Bool | false | flk_Auswer_BE_N | Bool | false | flk_Auswer_AH_P | Bool | false | flk_Brake_OFF | Bool | false | FRG_Left | Bool | false | FRG_Gerade | Bool | false | FRG_Left_Mitte | Bool | false | FRG_OUT_Temp | Bool | false | flk_snsr | Bool | false | Eingegangen | Bool | false | Teil_G | Bool | false | Teil_B | Bool | false | flk_snsr_2 | Bool | false | flk_snsr_3 | Bool | false | flk_snsr_4 | Bool | false | Band_FRGB | Bool | false | flk_erkenn_l | Bool | false | flk_erkenn_g | Bool | false | Temp |  |  | Constant |  |  |  |  |
| Name   | Datentyp     | Defaultwert |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_Auswer_BE_N  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_Auswer_AH_P  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_Brake_OFF  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| ▼ TB_General_03_DB   | "TB_General" |             |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| ▼ Input  |              |             |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| snsr_NE  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| snsr_BE  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| snsr_AH  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| snsr_PR  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Brake_ON   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Brake_OFF  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| FRG_IN   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Sperre   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| ▼ Output   |              |             |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| aktr_MTR   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| FRT_OUT  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Uebergabe_Modus  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| InOut  |              |             |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| ▼ Static   |              |             |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Loaded   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Movement   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Brake_Bypass   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_snsr_NE  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_snsr_BE_N  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_snsr_BE_P  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_snsr_AH  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_snsr_PR  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_Auswer_BE_N  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_Auswer_AH_P  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_Brake_OFF  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| ▼ TB_General_04_DB   | "TB_General" |             |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| ▼ Input  |              |             |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| snsr_NE  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| snsr_BE  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| snsr_AH  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| snsr_PR  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Brake_ON   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Brake_OFF  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| FRG_IN   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Sperre   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| ▼ Output   |              |             |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| aktr_MTR   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| FRT_OUT  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Uebergabe_Modus  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| InOut  |              |             |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| ▼ Static   |              |             |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Loaded   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Movement   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Brake_Bypass   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_snsr_NE  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_snsr_BE_N  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_snsr_BE_P  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_snsr_AH  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_snsr_PR  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_Auswer_BE_N  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_Auswer_AH_P  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_Brake_OFF  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| FRG_Left   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| FRG_Gerade   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| FRG_Left_Mitte   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| FRG_OUT_Temp   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_snsr   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Eingegangen  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Teil_G   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Teil_B   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_snsr_2   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_snsr_3   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_snsr_4   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Band_FRGB  | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_erkenn_l   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| flk_erkenn_g   | Bool         | false       |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Temp   |              |             |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Constant   |              |             |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| <b>Netzwerk 1: fuenftes Band mit Farbsensoren</b>  |              |             |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
| Hier ist noch Optimierungspotenzial da, was die eingehende Freigabe für das Band angeht, jetzt das Band darf das nächste Ladestück aufnehmen, sobald die beide nach der Weiche stehende Bänder auch leer sind, eigentlich das sollte nach Freilassung der Weiche schon sein.   |              |             |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |
|  |              |             |             |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |                    |              |  |         |  |  |         |      |       |         |      |       |         |      |       |         |      |       |          |      |       |           |      |       |        |      |       |        |      |       |          |  |  |          |      |       |         |      |       |                 |      |       |       |  |  |          |  |  |        |      |       |          |      |       |              |      |       |             |      |       |               |      |       |               |      |       |             |      |       |             |      |       |                 |      |       |                 |      |       |               |      |       |          |      |       |            |      |       |                |      |       |              |      |       |          |      |       |             |      |       |        |      |       |        |      |       |            |      |       |            |      |       |            |      |       |           |      |       |              |      |       |              |      |       |      |  |  |          |  |  |  |  |



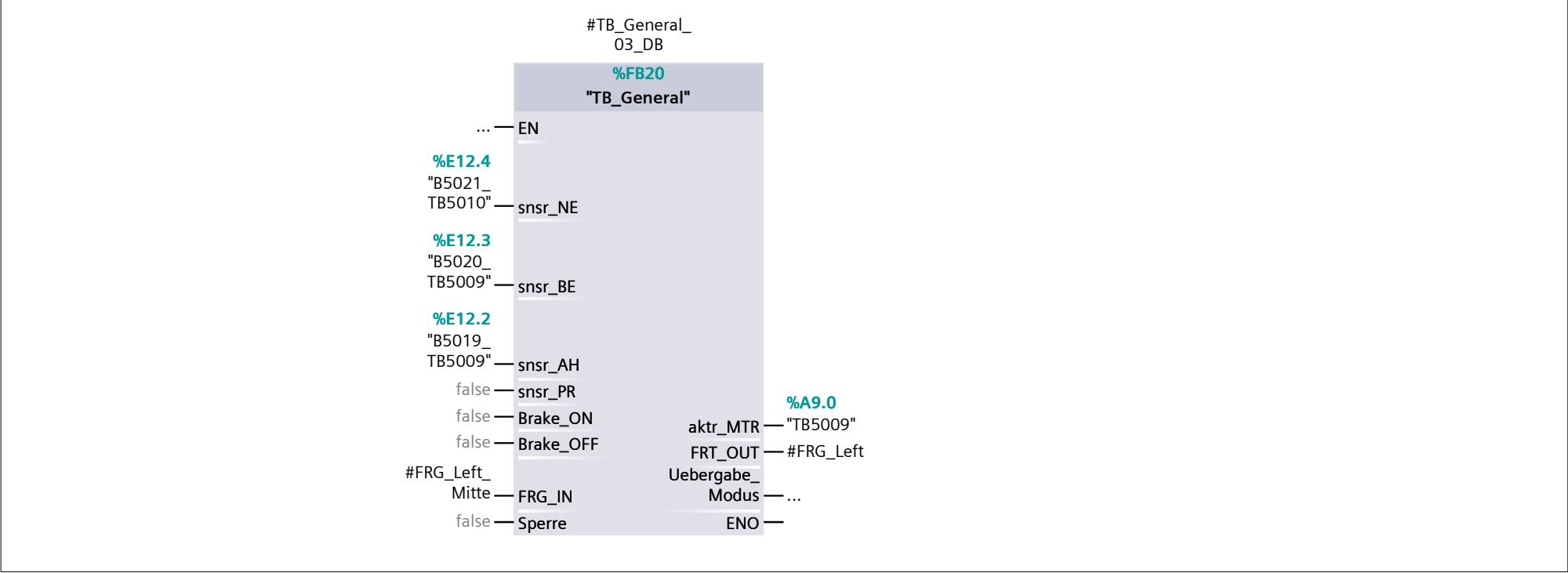
Netzwerk 2: Sechstes Band (geradeaus)

Standardbeschaltung



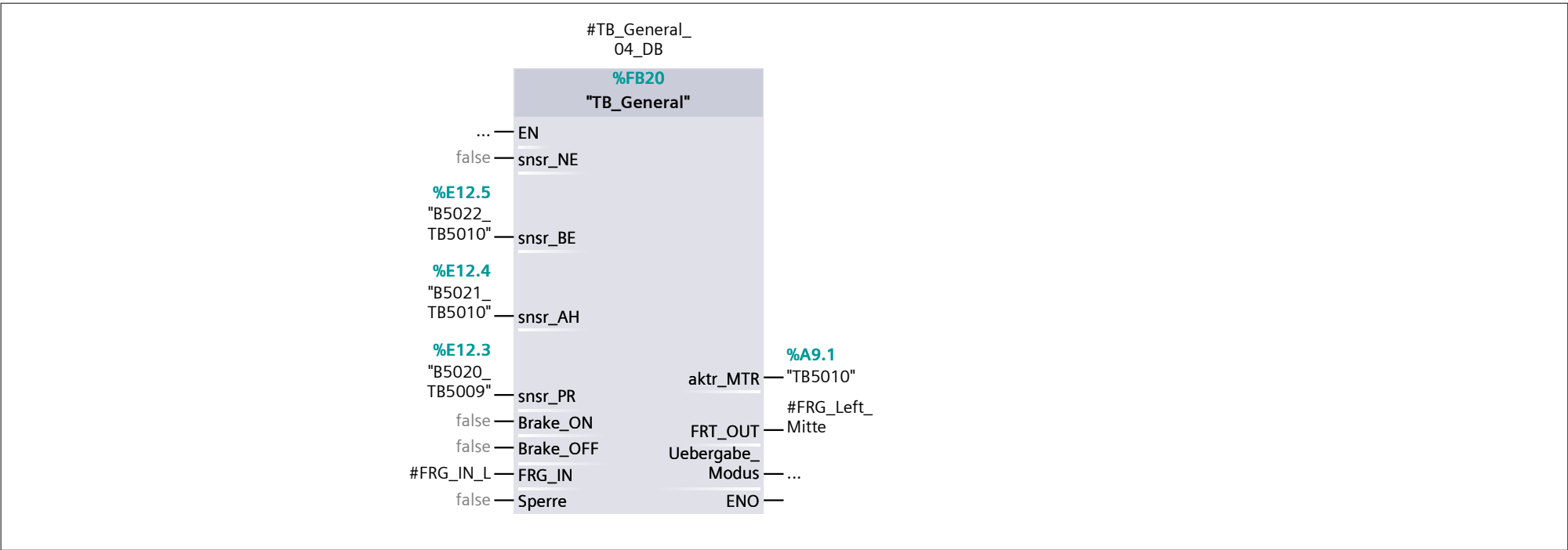
Netzwerk 3: Erstes Band links

Standardbeschaltung



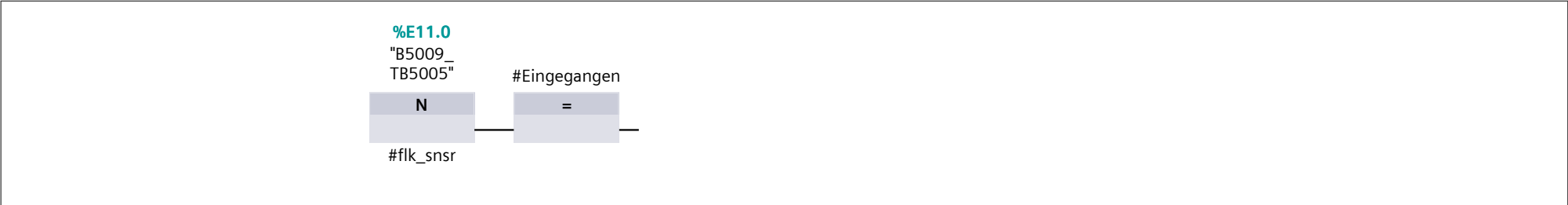
Netzwerk 4: Zweites Band links

Standardbeschaltung



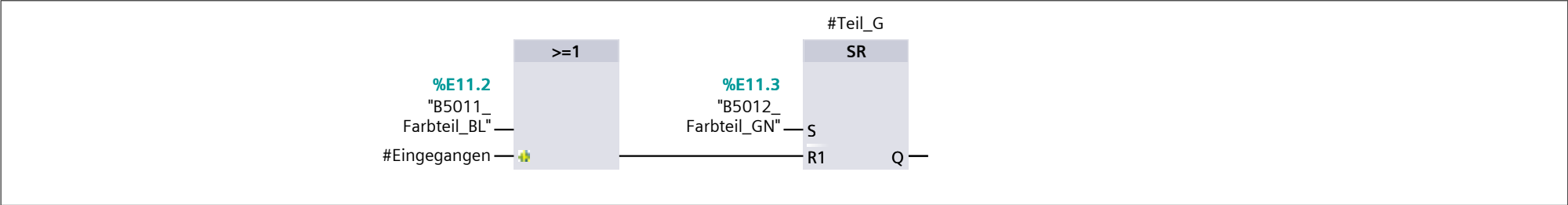
## Netzwerk 5: Teil eingegangen

ist =1 für ein Zyklus



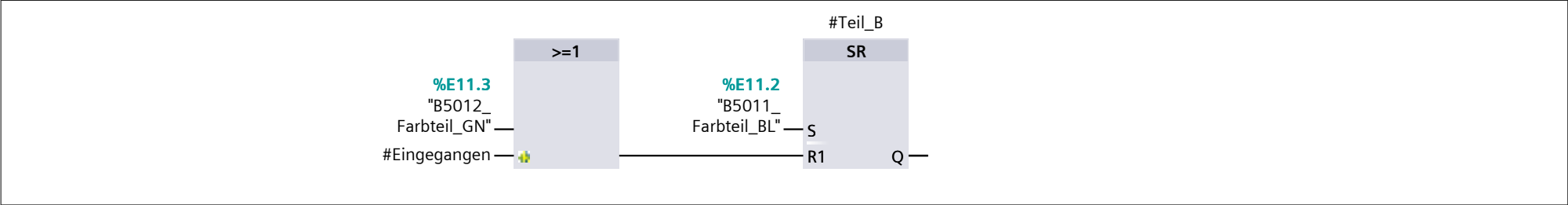
## Netzwerk 6: Grün erkannt

Flip-Flop, wird gesetzt wenn die grüne Farbe erkannt wurde



### Netzwerk 7: Blau erkannt

Flip-Flop, wird gesetzt wenn die blaue Farbe erkannt wurde



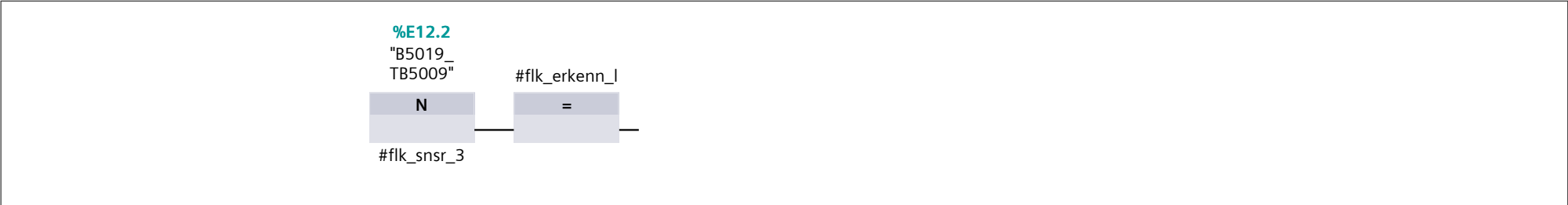
## Netzwerk 8: Rollen EIN

Setzt die Rollen und der Stopper der Weiche



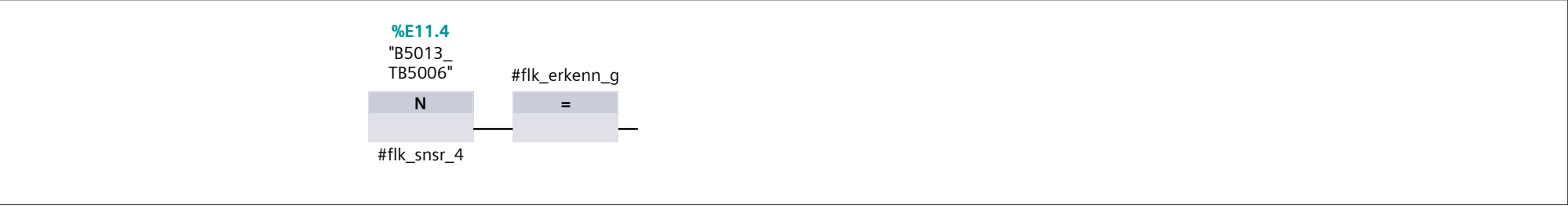
## Netzwerk 9: Flankenerkennung Links (Negativ)

wird am meheren Stellen verwendet



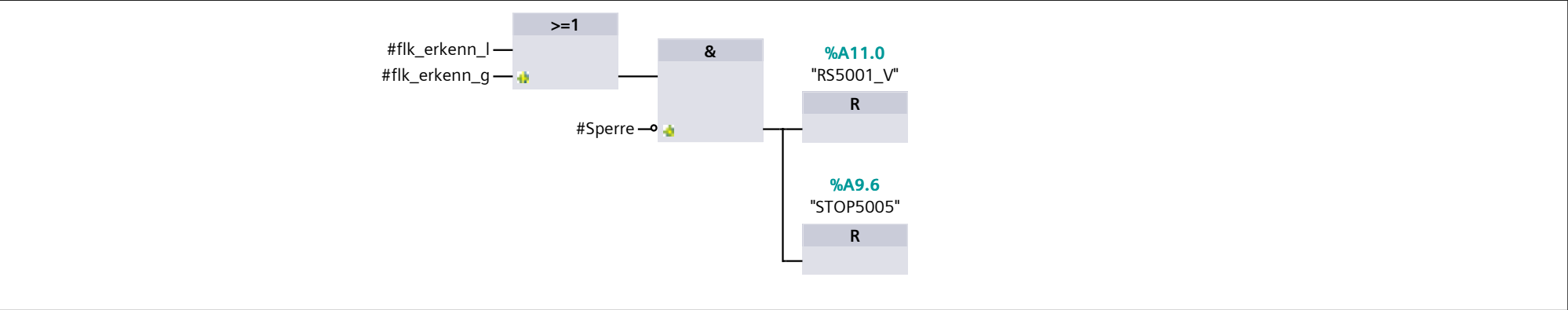
Netzwerk 10: Flankenerkennung Geradeaus (Negativ)

wird am mehreren Stellen verwendet



Netzwerk 11: Rollen AUS

Rücksetzt die Rollen und der Stopper der Weiche



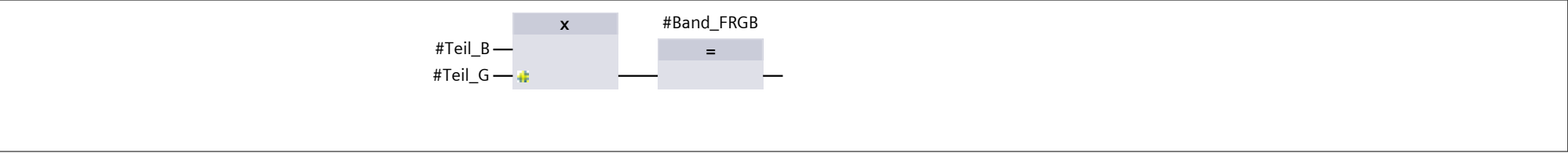
Netzwerk 12: Rollen Richtung

Grüne nach Links, die Blaue - geradeaus



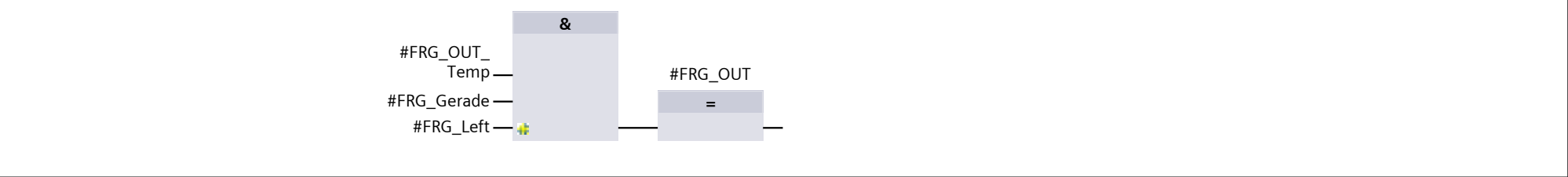
Netzwerk 13: Band Freigabe

XOR sorgt dafür, dass es eine EINZIGE Farbe erkannt werden darf, sonst geht nicht mehr weiter.



Netzwerk 14: Freigabe OUT

Freibage für das vorherige Kettenglied



|   |                         |                       |   |              |    |           |    |          |
|---|-------------------------|-----------------------|---|--------------|----|-----------|----|----------|
| Totally Integrated Automation Portal  |                         |                       |   |              |    |           |    |          |
| 04_Kommisionierung_2018-10-11 / PLC_Bus [CPU 314C-2 DP] / Programmbausteine |                         |                       |   |              |    |           |    |          |
| 04-04 Sortierstation_DB [DB3]   |                         |                       |   |              |    |           |    |          |
| 04-04 Sortierstation_DB Eigenschaften                                       |                         |                       |   |              |    |           |    |          |
| Allgemein   |                         |                       |   |              |    |           |    |          |
| Name  | 04-04 Sortierstation_DB | Nummer                | 3 | Typ          | DB | Sprache   | DB |          |
| Nummerierung  | Automatisch             |                       |   |              |    |           |    |          |
| Information   |                         |                       |   |              |    |           |    |          |
| Titel   |                         | Autor                 |   | Kommentar    |    | Familie   |    |          |
| Version   | 0.1                     | Anwenderdefinierte ID |   |              |    |           |    |          |
|   |                         |                       |   |              |    |           |    |          |
| Name  |                         |                       |   | Datentyp     |    | Startwert |    | Remanenz |
| ▼ Input   |                         |                       |   |              |    |           |    |          |
| FRG_IN_L  |                         |                       |   | Bool         |    | false     |    | True     |
| FRG_IN_G  |                         |                       |   | Bool         |    | false     |    | True     |
| Sperre  |                         |                       |   | Bool         |    | false     |    | True     |
| ▼ Output  |                         |                       |   |              |    |           |    |          |
| FRG_OUT   |                         |                       |   | Bool         |    | false     |    | True     |
| InOut   |                         |                       |   |              |    |           |    |          |
| ▼ Static  |                         |                       |   |              |    |           |    |          |
| ▼ TB_General_01_DB  |                         |                       |   | "TB_General" |    |           |    | True     |
| ▼ Input   |                         |                       |   |              |    |           |    |          |
| snsr_NE   |                         |                       |   | Bool         |    | false     |    | True     |
| snsr_BE   |                         |                       |   | Bool         |    | false     |    | True     |
| snsr_AH   |                         |                       |   | Bool         |    | false     |    | True     |
| snsr_PR   |                         |                       |   | Bool         |    | false     |    | True     |
| Brake_ON  |                         |                       |   | Bool         |    | false     |    | True     |
| Brake_OFF   |                         |                       |   | Bool         |    | false     |    | True     |
| FRG_IN  |                         |                       |   | Bool         |    | false     |    | True     |
| Sperre  |                         |                       |   | Bool         |    | false     |    | True     |
| ▼ Output  |                         |                       |   |              |    |           |    |          |
| aktr_MTR  |                         |                       |   | Bool         |    | false     |    | True     |
| FRT_OUT   |                         |                       |   | Bool         |    | false     |    | True     |
| Uebergabe_Modus   |                         |                       |   | Bool         |    | false     |    | True     |
| InOut   |                         |                       |   |              |    |           |    |          |
| ▼ Static  |                         |                       |   |              |    |           |    |          |
| Loaded  |                         |                       |   | Bool         |    | false     |    | True     |
| Movement  |                         |                       |   | Bool         |    | false     |    | True     |
| Brake_Bypass  |                         |                       |   | Bool         |    | false     |    | True     |
| flk_snsr_NE   |                         |                       |   | Bool         |    | false     |    | True     |
| flk_snsr_BE_N   |                         |                       |   | Bool         |    | false     |    | True     |
| flk_snsr_BE_P   |                         |                       |   | Bool         |    | false     |    | True     |
| flk_snsr_AH   |                         |                       |   | Bool         |    | false     |    | True     |
| flk_snsr_PR   |                         |                       |   | Bool         |    | false     |    | True     |
| flk_Auswer_BE_N   |                         |                       |   | Bool         |    | false     |    | True     |
| flk_Auswer_AH_P   |                         |                       |   | Bool         |    | false     |    | True     |
| flk_Brake_OFF   |                         |                       |   | Bool         |    | false     |    | True     |
| ▼ TB_General_02_DB  |                         |                       |   | "TB_General" |    |           |    | True     |
| ▼ Input   |                         |                       |   |              |    |           |    |          |
| snsr_NE   |                         |                       |   | Bool         |    | false     |    | True     |
| snsr_BE   |                         |                       |   | Bool         |    | false     |    | True     |
| snsr_AH   |                         |                       |   | Bool         |    | false     |    | True     |
| snsr_PR   |                         |                       |   | Bool         |    | false     |    | True     |
| Brake_ON  |                         |                       |   | Bool         |    | false     |    | True     |
| Brake_OFF   |                         |                       |   | Bool         |    | false     |    | True     |
| FRG_IN  |                         |                       |   | Bool         |    | false     |    | True     |
| Sperre  |                         |                       |   | Bool         |    | false     |    | True     |
| ▼ Output  |                         |                       |   |              |    |           |    |          |
| aktr_MTR  |                         |                       |   | Bool         |    | false     |    | True     |
| FRT_OUT   |                         |                       |   | Bool         |    | false     |    | True     |
| Uebergabe_Modus   |                         |                       |   | Bool         |    | false     |    | True     |
| InOut   |                         |                       |   |              |    |           |    |          |
| ▼ Static  |                         |                       |   |              |    |           |    |          |
| Loaded  |                         |                       |   | Bool         |    | false     |    | True     |
| Movement  |                         |                       |   | Bool         |    | false     |    | True     |
| Brake_Bypass  |                         |                       |   | Bool         |    | false     |    | True     |
| flk_snsr_NE   |                         |                       |   | Bool         |    | false     |    | True     |
| flk_snsr_BE_N   |                         |                       |   | Bool         |    | false     |    | True     |
| flk_snsr_BE_P   |                         |                       |   | Bool         |    | false     |    | True     |
| flk_snsr_AH   |                         |                       |   | Bool         |    | false     |    | True     |
| flk_snsr_PR   |                         |                       |   | Bool         |    | false     |    | True     |
| flk_Auswer_BE_N   |                         |                       |   | Bool         |    | false     |    | True     |
| flk_Auswer_AH_P   |                         |                       |   | Bool         |    | false     |    | True     |
| flk_Brake_OFF   |                         |                       |   | Bool         |    | false     |    | True     |
| ▼ TB_General_03_DB  |                         |                       |   | "TB_General" |    |           |    | True     |
|   |                         |                       |   |              |    |           |    |          |
|   |                         |                       |   |              |    |           |    |          |





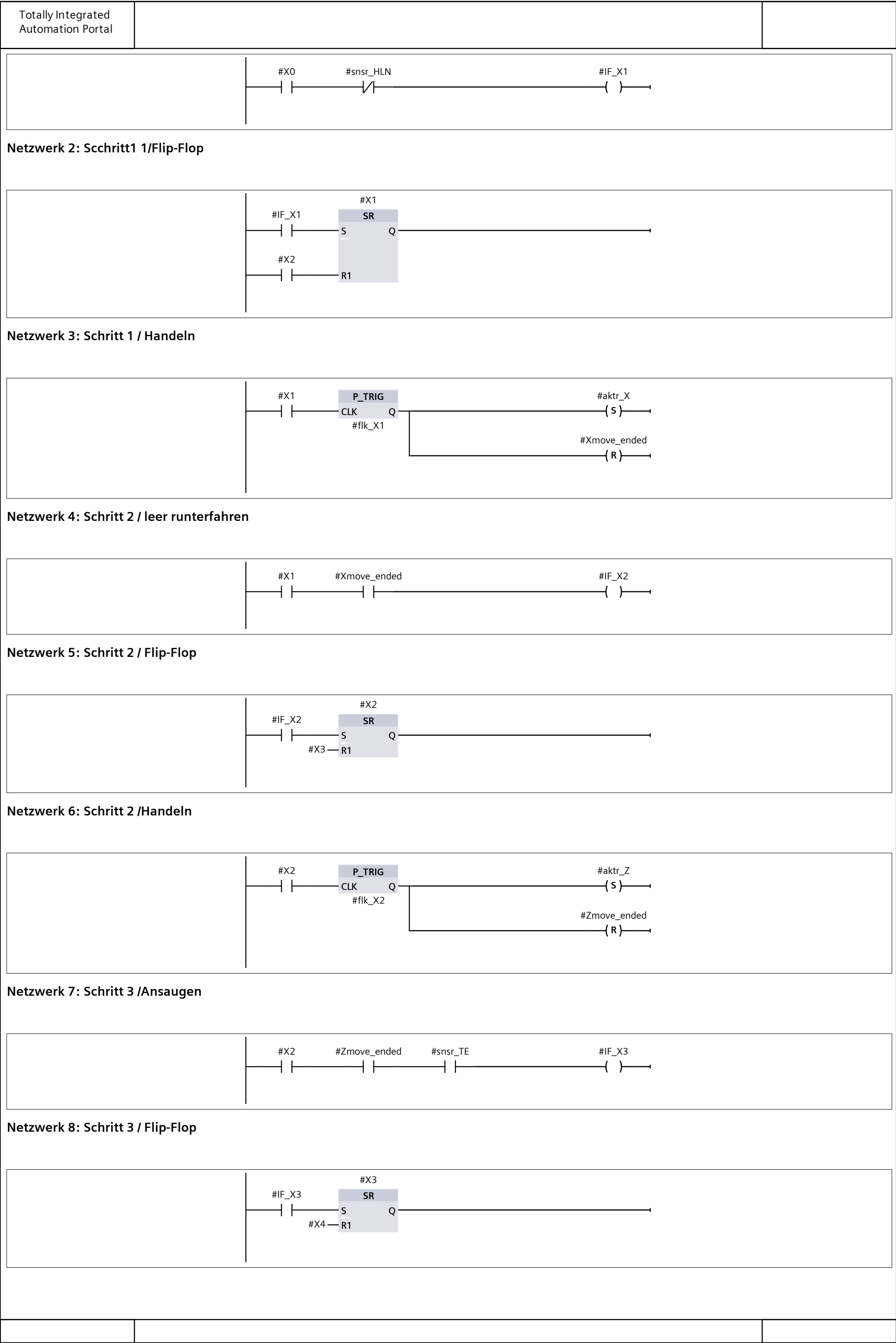
04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Programmbausteine

Pick\_n\_Place\_Rueckw [FB95]

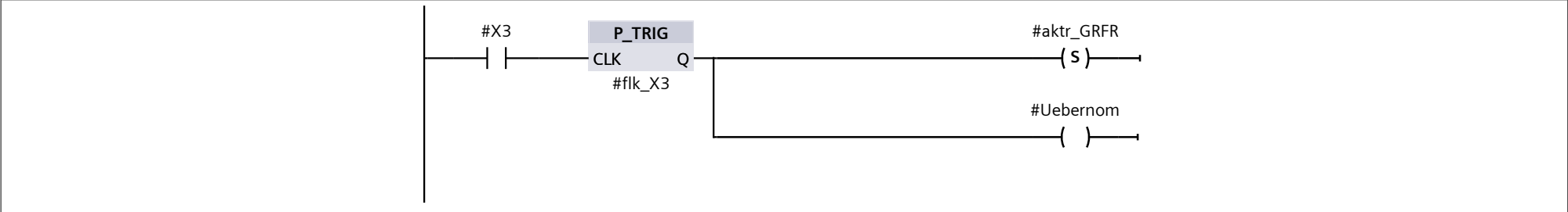
| Pick_n_Place_Rueckw Eigenschaften |  |                       |    |           |   |         |     |
|-----------------------------------|--|-----------------------|----|-----------|---|---------|-----|
| Allgemein                         |  |                       |    |           |   |         |     |
| Name                              | Pick_n_Place_Rueckw                            | Nummer                | 95 | Typ       | FB  | Sprache | KOP |
| Nummerierung                      | Manuell  |                       |    |           |   |         |     |
| Information                       |  |                       |    |           |   |         |     |
| Titel                             | Ablaufkette für das Pick and Place Manipulator | Autor                 |    | Kommentar | Nach Schrittkettenprinzip programmiert, aber Schritt Nummer 0 (Initialschritt) ist nicht optimal gelöst, die re-infolge der Netzwerke, die die Schritte darstellen sollten lieber in umgekehrter Reihenfolge, erstmal die Letzte und dann die erste Schritte. | Familie |     |
| Version                           | 0.1  | Anwenderdefinierte ID |    |           |   |         |     |

| Name        | Datentyp | Defaultwert |
|-------------|----------|-------------|
| ▼ Input     |          |             |
| snsr_X      | Bool     | false       |
| snsr_Z      | Bool     | false       |
| snsr_TE     | Bool     | false       |
| snsr_HLN    | Bool     | false       |
| snsr_ABLGN  | Bool     | false       |
| NOT-HALT    | Bool     | false       |
| ▼ Output    |          |             |
| aktr_X      | Bool     | false       |
| aktr_Z      | Bool     | false       |
| aktr_GRFR   | Bool     | false       |
| Uebernom    | Bool     | false       |
| Freigelas   | Bool     | false       |
| Fehler_NE   | Bool     | false       |
| InOut       |          |             |
| ▼ Static    |          |             |
| X0          | Bool     | false       |
| X1          | Bool     | false       |
| X2          | Bool     | false       |
| X3          | Bool     | false       |
| X4          | Bool     | false       |
| X5          | Bool     | false       |
| X6          | Bool     | false       |
| X7          | Bool     | false       |
| X8          | Bool     | false       |
| X9          | Bool     | false       |
| IF_X1       | Bool     | false       |
| IF_X2       | Bool     | false       |
| IF_X3       | Bool     | false       |
| IF_X4       | Bool     | false       |
| IF_X5       | Bool     | false       |
| IF_X6       | Bool     | false       |
| IF_X7       | Bool     | false       |
| IF_X8       | Bool     | false       |
| IF_X9       | Bool     | false       |
| flk_X1      | Bool     | false       |
| flk_X2      | Bool     | false       |
| flk_X3      | Bool     | false       |
| flk_X4      | Bool     | false       |
| flk_X5      | Bool     | false       |
| flk_X6      | Bool     | false       |
| flk_X7      | Bool     | false       |
| flk_X8      | Bool     | false       |
| flk_X9      | Bool     | false       |
| Zmove_ended | Bool     | false       |
| Xmove_ended | Bool     | false       |
| flk_Xmove   | Bool     | false       |
| flk_Zmove   | Bool     | false       |
| tmp_Flagge  | Bool     | false       |
| Temp        |          |             |
| Constant    |          |             |

Netzwerk 1: Schritt 1/ Aus Grundstellung leer rueberfahren



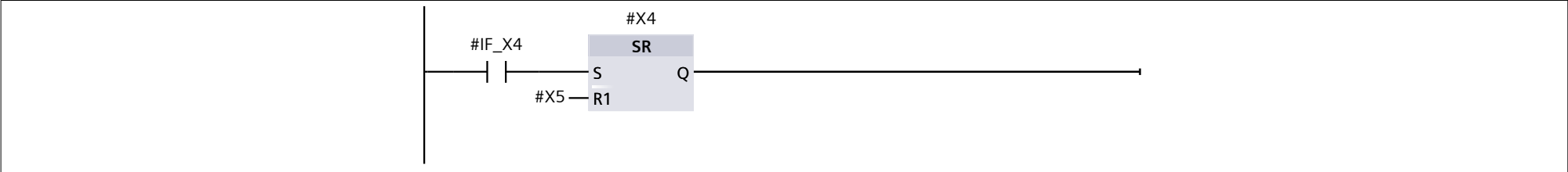
Netzwerk 9: Schritt 3 /Handeln



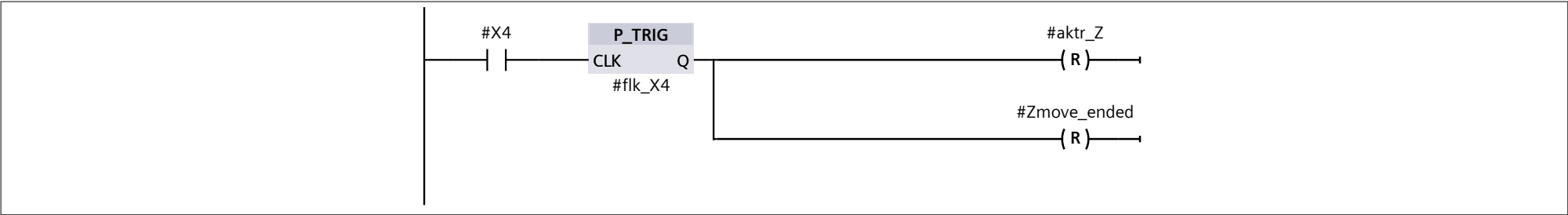
Netzwerk 10: Schritt 4 / Mit TEIL hochfahren



Netzwerk 11: Schritt 4 /Flip-Flop



Netzwerk 12: Schritt 4 / Handeln



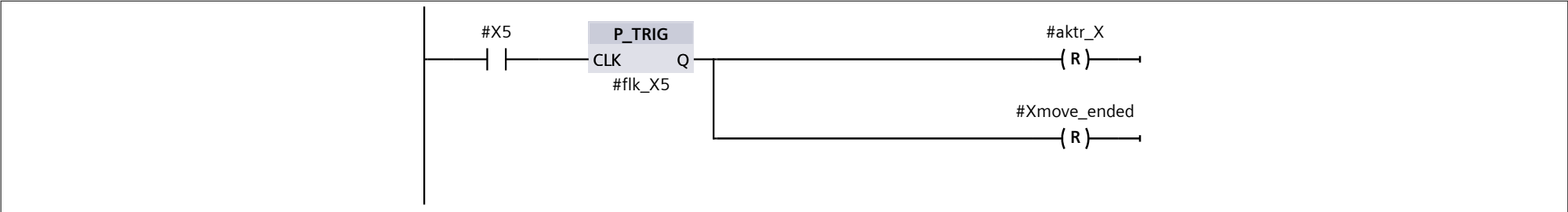
Netzwerk 13: Schritt 5 / Mit TEIL zur Grundstellung waagerecht



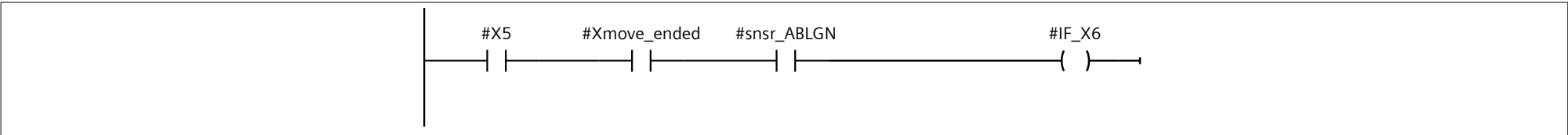
Netzwerk 14: Schritt 5 / Flip-Flop



Netzwerk 15: Schritt 5 / Handeln



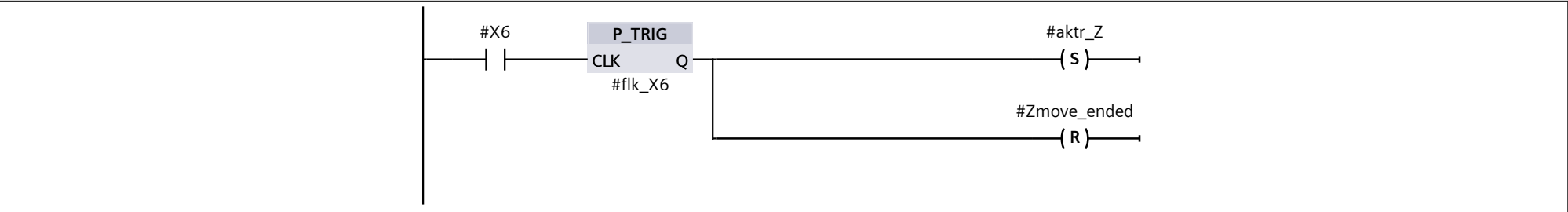
Netzwerk 16: Schritt 6 / Mit TEIL runterfahren



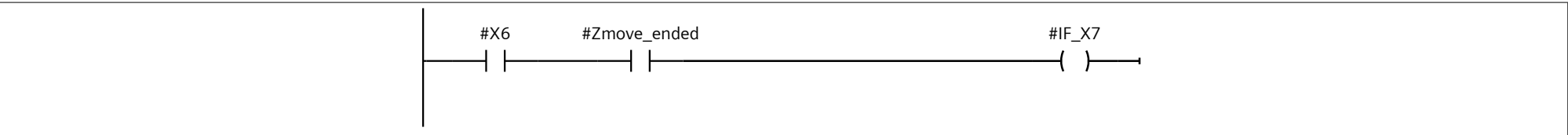
Netzwerk 17: Schritt 6 / Flip-flop



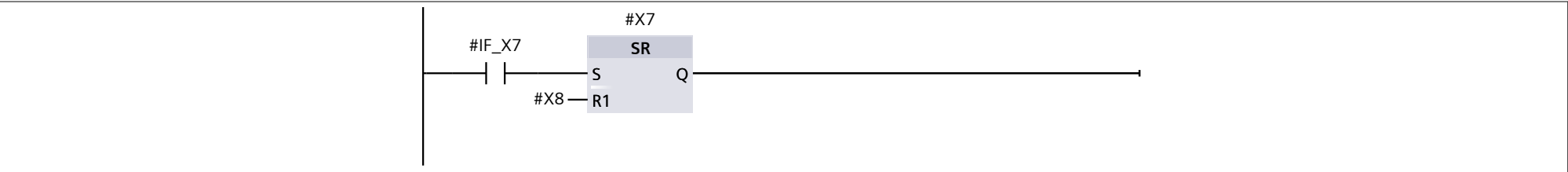
Netzwerk 18: Schritt 6 /Handeln



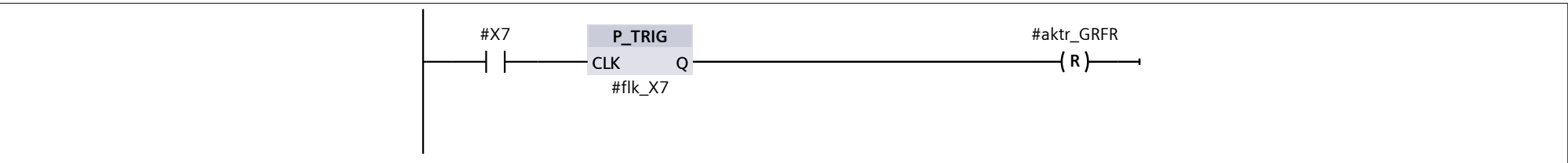
Netzwerk 19: Schritt 7 / TEIL loslassen



Netzwerk 20: Schritt 7 / Flip-flop



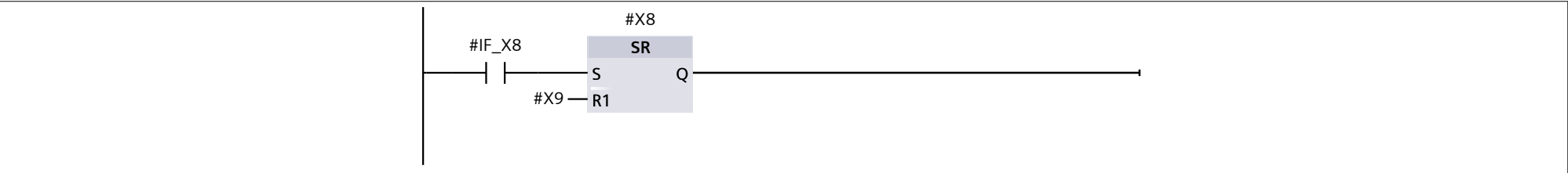
Netzwerk 21: Schritt 7 / Handeln



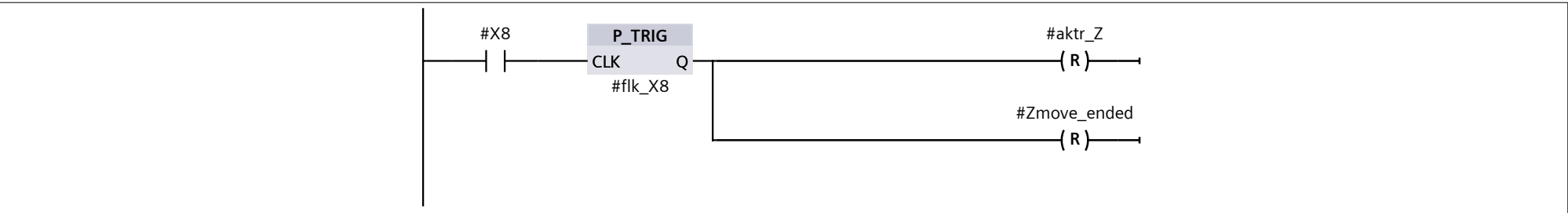
Netzwerk 22: Schritt 8 / leer zur Grundstellung (senkrecht)



Netzwerk 23: Schritt 8 / Flip-Flop



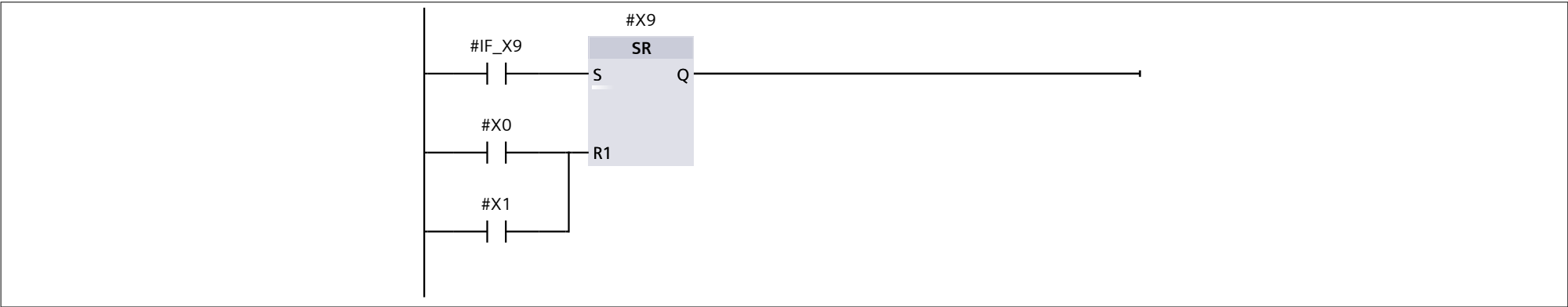
Netzwerk 24: Schritt 8 / Handeln



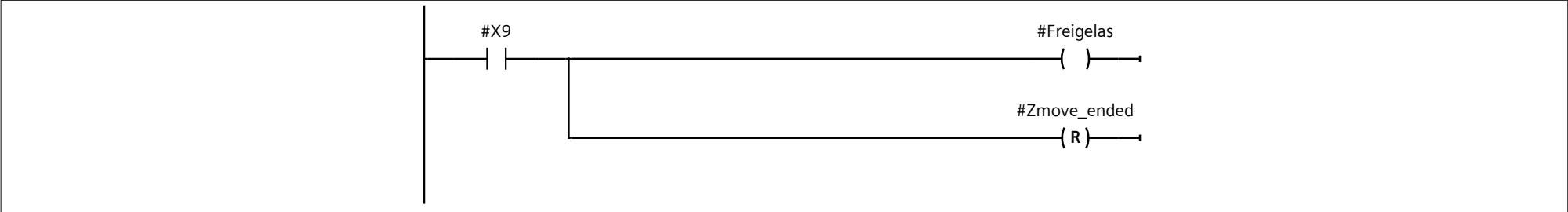
Netzwerk 25: Schritt 9 / Freilaß melden



Netzwerk 26: Schritt 9 / Flip-Flop



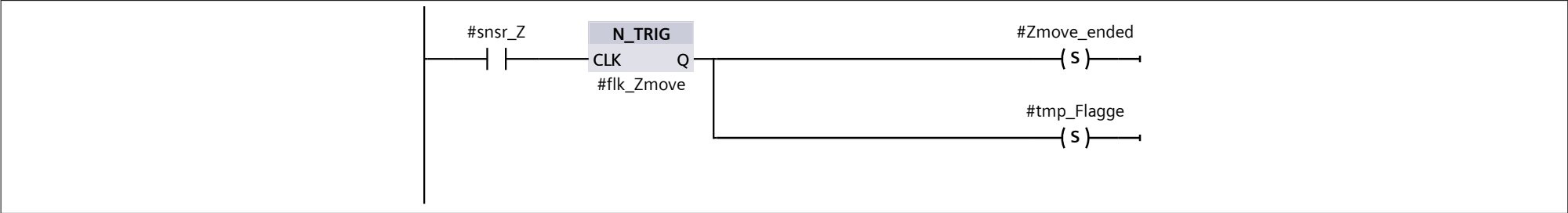
Netzwerk 27: Schritt 9 / Handeln



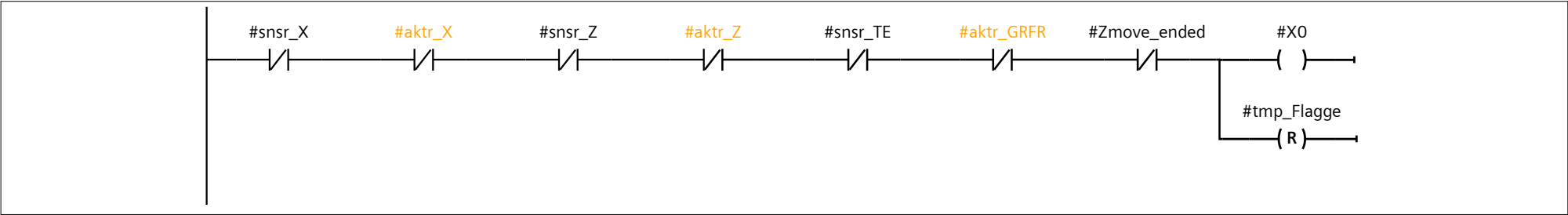
Netzwerk 28: Ueberwachung der X-Bewegung



Netzwerk 29: Ueberwachung der Z-Bewegung



Netzwerk 30: Grundstellung



Totally Integrated Automation Portal

04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Programmbausteine

PnP\_Rueckw\_01\_DB [DB5]

PnP\_Rueckw\_01\_DB Eigenschaften

Allgemein

|              |                  |        |   |     |    |         |    |
|--------------|------------------|--------|---|-----|----|---------|----|
| Name         | PnP_Rueckw_01_DB | Nummer | 5 | Typ | DB | Sprache | DB |
| Nummerierung | Automatisch      |        |   |     |    |         |    |

Information

|         |     |                       |  |           |  |         |  |
|---------|-----|-----------------------|--|-----------|--|---------|--|
| Titel   |     | Autor                 |  | Kommentar |  | Familie |  |
| Version | 0.1 | Anwenderdefinierte ID |  |           |  |         |  |

| Name        | Datentyp | Startwert | Remanenz |
|-------------|----------|-----------|----------|
| ▼ Input     |          |           |          |
| snsr_X      | Bool     | false     | True     |
| snsr_Z      | Bool     | false     | True     |
| snsr_TE     | Bool     | false     | True     |
| snsr_HLN    | Bool     | false     | True     |
| snsr_ABLGN  | Bool     | false     | True     |
| NOT-HALT    | Bool     | false     | True     |
| ▼ Output    |          |           |          |
| aktr_X      | Bool     | false     | True     |
| aktr_Z      | Bool     | false     | True     |
| aktr_GRFR   | Bool     | false     | True     |
| Uebernom    | Bool     | false     | True     |
| Freigelas   | Bool     | false     | True     |
| Fehler_NE   | Bool     | false     | True     |
| InOut       |          |           |          |
| ▼ Static    |          |           |          |
| X0          | Bool     | false     | True     |
| X1          | Bool     | false     | True     |
| X2          | Bool     | false     | True     |
| X3          | Bool     | false     | True     |
| X4          | Bool     | false     | True     |
| X5          | Bool     | false     | True     |
| X6          | Bool     | false     | True     |
| X7          | Bool     | false     | True     |
| X8          | Bool     | false     | True     |
| X9          | Bool     | false     | True     |
| IF_X1       | Bool     | false     | True     |
| IF_X2       | Bool     | false     | True     |
| IF_X3       | Bool     | false     | True     |
| IF_X4       | Bool     | false     | True     |
| IF_X5       | Bool     | false     | True     |
| IF_X6       | Bool     | false     | True     |
| IF_X7       | Bool     | false     | True     |
| IF_X8       | Bool     | false     | True     |
| IF_X9       | Bool     | false     | True     |
| flk_X1      | Bool     | false     | True     |
| flk_X2      | Bool     | false     | True     |
| flk_X3      | Bool     | false     | True     |
| flk_X4      | Bool     | false     | True     |
| flk_X5      | Bool     | false     | True     |
| flk_X6      | Bool     | false     | True     |
| flk_X7      | Bool     | false     | True     |
| flk_X8      | Bool     | false     | True     |
| flk_X9      | Bool     | false     | True     |
| Zmove_ended | Bool     | false     | True     |
| Xmove_ended | Bool     | false     | True     |
| flk_Xmove   | Bool     | false     | True     |
| flk_Zmove   | Bool     | false     | True     |
| tmp_Flagge  | Bool     | false     | True     |



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04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Programmbausteine

PnP\_Rueckw\_02\_DB [DB6]

PnP\_Rueckw\_02\_DB Eigenschaften

Allgemein

|              |                  |             |   |     |    |         |    |
|--------------|------------------|-------------|---|-----|----|---------|----|
| Name         | PnP_Rueckw_02_DB | Nummer      | 6 | Typ | DB | Sprache | DB |
| Nummerierung |                  | Automatisch |   |     |    |         |    |

Information

|         |     |                       |  |           |  |         |  |
|---------|-----|-----------------------|--|-----------|--|---------|--|
| Titel   |     | Autor                 |  | Kommentar |  | Familie |  |
| Version | 0.1 | Anwenderdefinierte ID |  |           |  |         |  |

| Name        | Datentyp | Startwert | Remanenz |
|-------------|----------|-----------|----------|
| ▼ Input     |          |           |          |
| snsr_X      | Bool     | false     | True     |
| snsr_Z      | Bool     | false     | True     |
| snsr_TE     | Bool     | false     | True     |
| snsr_HLN    | Bool     | false     | True     |
| snsr_ABLGN  | Bool     | false     | True     |
| NOT-HALT    | Bool     | false     | True     |
| ▼ Output    |          |           |          |
| aktr_X      | Bool     | false     | True     |
| aktr_Z      | Bool     | false     | True     |
| aktr_GRFR   | Bool     | false     | True     |
| Uebernom    | Bool     | false     | True     |
| Freigelas   | Bool     | false     | True     |
| Fehler_NE   | Bool     | false     | True     |
| InOut       |          |           |          |
| ▼ Static    |          |           |          |
| X0          | Bool     | false     | True     |
| X1          | Bool     | false     | True     |
| X2          | Bool     | false     | True     |
| X3          | Bool     | false     | True     |
| X4          | Bool     | false     | True     |
| X5          | Bool     | false     | True     |
| X6          | Bool     | false     | True     |
| X7          | Bool     | false     | True     |
| X8          | Bool     | false     | True     |
| X9          | Bool     | false     | True     |
| IF_X1       | Bool     | false     | True     |
| IF_X2       | Bool     | false     | True     |
| IF_X3       | Bool     | false     | True     |
| IF_X4       | Bool     | false     | True     |
| IF_X5       | Bool     | false     | True     |
| IF_X6       | Bool     | false     | True     |
| IF_X7       | Bool     | false     | True     |
| IF_X8       | Bool     | false     | True     |
| IF_X9       | Bool     | false     | True     |
| flk_X1      | Bool     | false     | True     |
| flk_X2      | Bool     | false     | True     |
| flk_X3      | Bool     | false     | True     |
| flk_X4      | Bool     | false     | True     |
| flk_X5      | Bool     | false     | True     |
| flk_X6      | Bool     | false     | True     |
| flk_X7      | Bool     | false     | True     |
| flk_X8      | Bool     | false     | True     |
| flk_X9      | Bool     | false     | True     |
| Zmove_ended | Bool     | false     | True     |
| Xmove_ended | Bool     | false     | True     |
| flk_Xmove   | Bool     | false     | True     |
| flk_Zmove   | Bool     | false     | True     |
| tmp_Flagge  | Bool     | false     | True     |

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04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Programmbausteine

Foerderband\_NC-NC [FB5]

Foerderband\_NC-NC Eigenschaften

Allgemein

|              |                   |             |   |     |    |         |     |
|--------------|-------------------|-------------|---|-----|----|---------|-----|
| Name         | Foerderband_NC-NC | Nummer      | 5 | Typ | FB | Sprache | KOP |
| Nummerierung |                   | Automatisch |   |     |    |         |     |

Information

|         |   |                       |  |           |   |  |  |
|---------|---|-----------------------|--|-----------|---|--|--|
| Titel   | Einfache Steuerung für das Förderband mit Öffner-Sensoren (Lichtschränke mit dem Spiegel) | Autor                 |  | Kommentar | Wurde als Grundlage aus einem früherem Project übernommen, kann grundsätzlich durch TB_General ersetzt werden (erstmal prüfen!) |  |  |
| Version | 0.1   | Anwenderdefinierte ID |  |           |   |  |  |

| Name              | Datentyp | Defaultwert |
|-------------------|----------|-------------|
| ▼ Input           |          |             |
| Erster_Sensor     | Bool     | false       |
| Letzter_Sensor    | Bool     | false       |
| Freigabe          | Bool     | false       |
| Motor_AN          | Bool     | false       |
| Sperre            | Bool     | false       |
| ▼ Output          |          |             |
| Motor             | Bool     | false       |
| Bereit            | Bool     | false       |
| InOut             |          |             |
| ▼ Static          |          |             |
| Beladen           | Bool     | false       |
| FLK_ErsterSensor  | Bool     | false       |
| FLK_LetzterSensor | Bool     | false       |
| Temp              |          |             |
| Constant          |          |             |

Netzwerk 1: Beladen wird EIN

Sobald der erster Sensor (Lichtschränke) betätigt ist, gilt die Förderbahn als mit der Last (Teil) beladen.

#Erster\_Sensor

| N |

#FLK\_ErsterSensor

#Beladen

( S )

Netzwerk 2: Beladen wird AUS

Sobald die Betätigung des letzten Sensoren beendet ist, gilt als nicht mehr beladen (frei).

#Letzter\_Sensor

| P |

#FLK\_LetzterSensor

#Beladen

( R )

Netzwerk 3: Bereitschaft EIN/AUS

Wenn die Förderbahn mit einem Teil beladen ist, dann ist sie nicht mehr bereit füe ein nächstes Teil.

#Beladen

| |

#Motor\_AN

| |

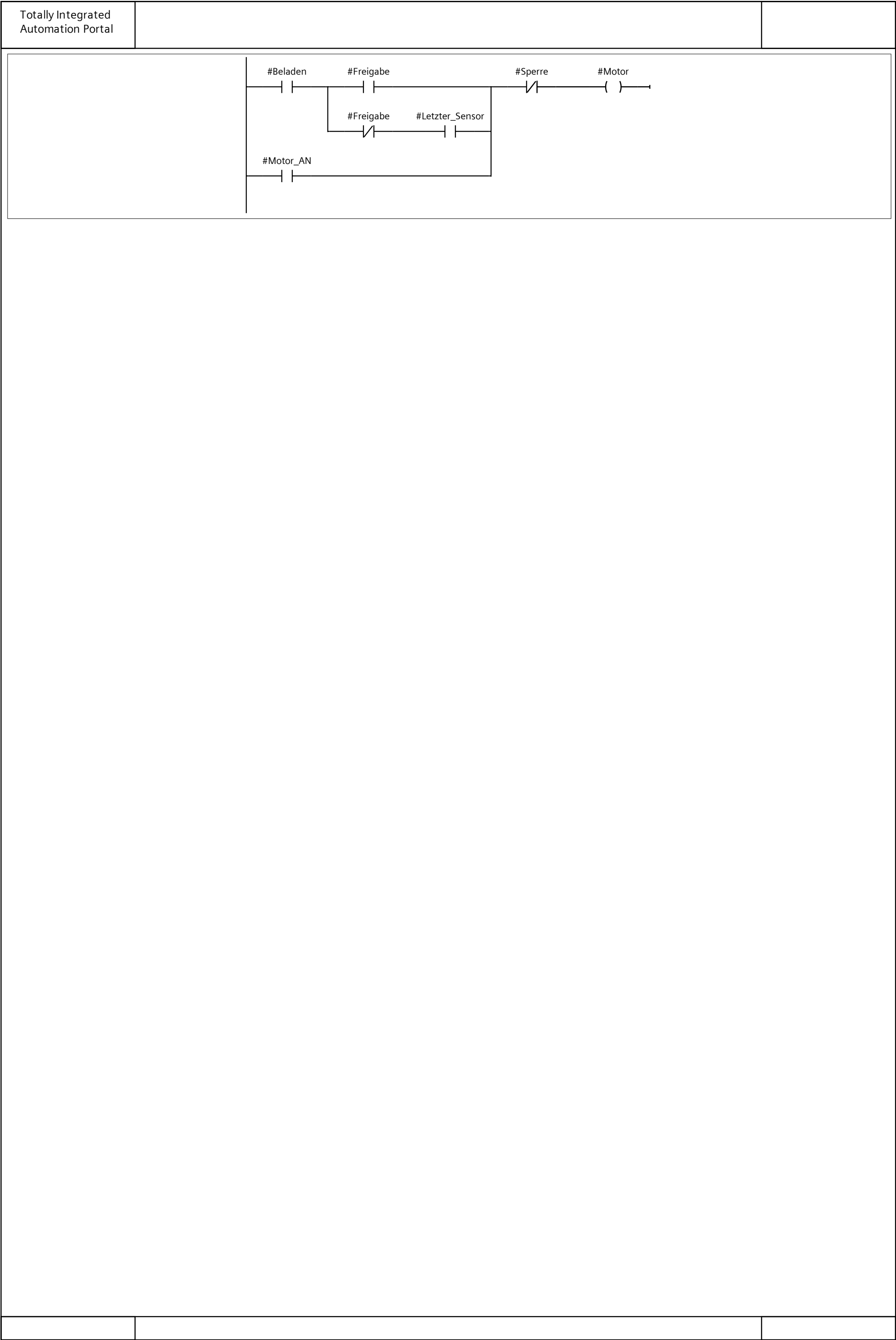
NOT

#Bereit

( )

Netzwerk 4: Motor EIN/AUS

Der Motor sollte EINGeschaltet sein, wenn die Förderband beladen ist und das nächse Glied in der Kette eine Freigabe meldet. Und wenn keine Freigabe vorlig, aber die Förderbahn immer beladen ist, dann darf die Last bist zum letzten Sensor fahren.



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04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Programmbausteine

FB\_NC-NC\_01\_DB [DB7]

FB\_NC-NC\_01\_DB Eigenschaften

Allgemein

|              |                |        |   |     |    |         |    |
|--------------|----------------|--------|---|-----|----|---------|----|
| Name         | FB_NC-NC_01_DB | Nummer | 7 | Typ | DB | Sprache | DB |
| Nummerierung | Automatisch    |        |   |     |    |         |    |

Information

|         |     |                       |  |           |  |         |  |
|---------|-----|-----------------------|--|-----------|--|---------|--|
| Titel   |     | Autor                 |  | Kommentar |  | Familie |  |
| Version | 0.1 | Anwenderdefinierte ID |  |           |  |         |  |

| Name              | Datentyp | Startwert | Remanenz |
|-------------------|----------|-----------|----------|
| ▼ Input           |          |           |          |
| Erster_Sensor     | Bool     | false     | True     |
| Letzter_Sensor    | Bool     | false     | True     |
| Freigabe          | Bool     | false     | True     |
| Motor_AN          | Bool     | false     | True     |
| Sperre            | Bool     | false     | True     |
| ▼ Output          |          |           |          |
| Motor             | Bool     | false     | True     |
| Bereit            | Bool     | false     | True     |
| InOut             |          |           |          |
| ▼ Static          |          |           |          |
| Beladen           | Bool     | false     | True     |
| FLK_ErsterSensor  | Bool     | false     | True     |
| FLK_LetzterSensor | Bool     | false     | True     |

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04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Programmbausteine

FB\_NC-NC\_02\_DB [DB8]

FB\_NC-NC\_02\_DB Eigenschaften

Allgemein

|              |                |        |   |     |    |         |    |
|--------------|----------------|--------|---|-----|----|---------|----|
| Name         | FB_NC-NC_02_DB | Nummer | 8 | Typ | DB | Sprache | DB |
| Nummerierung | Automatisch    |        |   |     |    |         |    |

Information

|         |     |                       |  |           |  |         |  |
|---------|-----|-----------------------|--|-----------|--|---------|--|
| Titel   |     | Autor                 |  | Kommentar |  | Familie |  |
| Version | 0.1 | Anwenderdefinierte ID |  |           |  |         |  |

| Name              | Datentyp | Startwert | Remanenz |
|-------------------|----------|-----------|----------|
| ▼ Input           |          |           |          |
| Erster_Sensor     | Bool     | false     | True     |
| Letzter_Sensor    | Bool     | false     | True     |
| Freigabe          | Bool     | false     | True     |
| Motor_AN          | Bool     | false     | True     |
| Sperre            | Bool     | false     | True     |
| ▼ Output          |          |           |          |
| Motor             | Bool     | false     | True     |
| Bereit            | Bool     | false     | True     |
| InOut             |          |           |          |
| ▼ Static          |          |           |          |
| Beladen           | Bool     | false     | True     |
| FLK_ErsterSensor  | Bool     | false     | True     |
| FLK_LetzterSensor | Bool     | false     | True     |

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04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Programmbausteine

FB\_NC-NC\_03\_DB [DB9]

FB\_NC-NC\_03\_DB Eigenschaften

Allgemein

|              |                |        |   |     |    |         |    |
|--------------|----------------|--------|---|-----|----|---------|----|
| Name         | FB_NC-NC_03_DB | Nummer | 9 | Typ | DB | Sprache | DB |
| Nummerierung | Automatisch    |        |   |     |    |         |    |

Information

|         |     |                       |  |           |  |         |  |
|---------|-----|-----------------------|--|-----------|--|---------|--|
| Titel   |     | Autor                 |  | Kommentar |  | Familie |  |
| Version | 0.1 | Anwenderdefinierte ID |  |           |  |         |  |

| Name              | Datentyp | Startwert | Remanenz |
|-------------------|----------|-----------|----------|
| ▼ Input           |          |           |          |
| Erster_Sensor     | Bool     | false     | True     |
| Letzter_Sensor    | Bool     | false     | True     |
| Freigabe          | Bool     | false     | True     |
| Motor_AN          | Bool     | false     | True     |
| Sperre            | Bool     | false     | True     |
| ▼ Output          |          |           |          |
| Motor             | Bool     | false     | True     |
| Bereit            | Bool     | false     | True     |
| InOut             |          |           |          |
| ▼ Static          |          |           |          |
| Beladen           | Bool     | false     | True     |
| FLK_ErsterSensor  | Bool     | false     | True     |
| FLK_LetzterSensor | Bool     | false     | True     |

Totally Integrated Automation Portal

04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Programmbausteine

FB\_NC-NC\_04\_DB [DB10]

FB\_NC-NC\_04\_DB Eigenschaften

Allgemein

|              |                |        |    |     |    |         |    |
|--------------|----------------|--------|----|-----|----|---------|----|
| Name         | FB_NC-NC_04_DB | Nummer | 10 | Typ | DB | Sprache | DB |
| Nummerierung | Automatisch    |        |    |     |    |         |    |

Information

|         |     |                       |  |           |  |         |  |
|---------|-----|-----------------------|--|-----------|--|---------|--|
| Titel   |     | Autor                 |  | Kommentar |  | Familie |  |
| Version | 0.1 | Anwenderdefinierte ID |  |           |  |         |  |

| Name              | Datentyp | Startwert | Remanenz |
|-------------------|----------|-----------|----------|
| ▼ Input           |          |           |          |
| Erster_Sensor     | Bool     | false     | True     |
| Letzter_Sensor    | Bool     | false     | True     |
| Freigabe          | Bool     | false     | True     |
| Motor_AN          | Bool     | false     | True     |
| Sperre            | Bool     | false     | True     |
| ▼ Output          |          |           |          |
| Motor             | Bool     | false     | True     |
| Bereit            | Bool     | false     | True     |
| InOut             |          |           |          |
| ▼ Static          |          |           |          |
| Beladen           | Bool     | false     | True     |
| FLK_ErsterSensor  | Bool     | false     | True     |
| FLK_LetzterSensor | Bool     | false     | True     |

|   |  |  |
|---|--|--|
| Totally Integrated Automation Portal  |  |  |
| <div>04_Kommisionierung_2018-10-11 / PLC_Bus [CPU 314C-2 DP]</div> <div>Technologieobjekte</div> <div>Dieser Ordner ist leer.</div> |  |  |
|   |  |  |






































04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / PLC-Variablen / Standard-Variablentabelle [0]

PLC-Variablen

| PLC-Variablen |          |         |          |
|---------------|----------|---------|----------|
| Name          | Datentyp | Adresse | Remanenz |


























































| Anwenderkonstanten |          |      |
|--------------------|----------|------|
| Name               | Datentyp | Wert |
|                    |          |      |







|  |                   |          |         |          |
|--|-------------------|----------|---------|----------|
| Totally Integrated Automation Portal   |                   |          |         |          |
| 04_Kommisionierung_2018-10-11 / PLC_Bus [CPU 314C-2 DP] / PLC-Variablen / Betriebsart [35] |                   |          |         |          |
| PLC-Variablen  |                   |          |         |          |
| PLC-Variablen  |                   |          |         |          |
|  | Name              | Datentyp | Adresse | Remanenz |
|           | S0_HS             | Bool     | %E0.0   |          |
|           | S1_Not_Halt       | Bool     | %E0.1   |          |
|           | S2_START          | Bool     | %E0.2   |          |
|           | S3_STOP           | Bool     | %E0.3   |          |
|           | Res_E04           | Bool     | %E0.4   |          |
|           | Res_E05           | Bool     | %E0.5   |          |
|           | Res_E06           | Bool     | %E0.6   |          |
|           | Res_E07           | Bool     | %E0.7   |          |
|           | Res_E10           | Bool     | %E1.0   |          |
|           | Res_E11           | Bool     | %E1.1   |          |
|           | Res_E12           | Bool     | %E1.2   |          |
|           | Res_E13           | Bool     | %E1.3   |          |
|           | Res_E14           | Bool     | %E1.4   |          |
|          | Res_E15           | Bool     | %E1.5   |          |
|         | Res_E16           | Bool     | %E1.6   |          |
|         | Factory_IO_RUN    | Bool     | %E1.7   |          |
|         | P1_MS_RT          | Bool     | %A1.0   |          |
|         | P2_MS_GE          | Bool     | %A0.1   |          |
|         | P3_MS_GN          | Bool     | %A0.2   |          |
|         | P10_START         | Bool     | %A0.3   |          |
|         | P11_STOP          | Bool     | %A0.4   |          |
|         | Res_A0.5          | Bool     | %A0.5   |          |
|         | P12_Anfahrwarnung | Bool     | %A0.6   |          |
|         | P13_Sirene        | Bool     | %A0.7   |          |
|         | Res_A10           | Bool     | %A1.0   |          |
|         | Res_A11           | Bool     | %A1.1   |          |
|         | Res_A12           | Bool     | %A1.2   |          |
|         | Res_A13           | Bool     | %A1.3   |          |
|         | Res_A14           | Bool     | %A1.4   |          |
|         | Res_A15           | Bool     | %A1.5   |          |
|         | Res_A16           | Bool     | %A1.6   |          |
|         | Res_A17           | Bool     | %A1.7   |          |
|         | Log_1             | Bool     | %M0.1   |          |
|         | Log_0             | Bool     | %M0.0   |          |
|         | Takt_1HZ          | Bool     | %M100.5 |          |

## Anwenderkonstanten

| Anwenderkonstanten |          |      |
|--------------------|----------|------|
| Name               | Datentyp | Wert |
|                    |          |      |

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

|  |                            |          |         |          |
|--|----------------------------|----------|---------|----------|
| Totally Integrated Automation Portal   |                            |          |         |          |
| 04_Kommisionierung_2018-10-11 / PLC_Bus [CPU 314C-2 DP] / PLC-Variablen / Kommisionierung [64] |                            |          |         |          |
| PLC-Variablen  |                            |          |         |          |
| PLC-Variablen  |                            |          |         |          |
|  | Name                       | Datentyp | Adresse | Remanenz |
|               | B5001_TB5001               | Bool     | %E10.0  |          |
|               | B5002_TB5001               | Bool     | %E10.1  |          |
|               | B5003_TB5002               | Bool     | %E10.2  |          |
|               | B5004_TB5002               | Bool     | %E10.3  |          |
|               | B5005_TB5003               | Bool     | %E10.4  |          |
|               | B5006_TB5003               | Bool     | %E10.5  |          |
|               | B5007_TB5004               | Bool     | %E10.6  |          |
|               | B5008_TB5004               | Bool     | %E10.7  |          |
|               | B5009_TB5005               | Bool     | %E11.0  |          |
|               | B5010_TB5005               | Bool     | %E11.1  |          |
|               | B5011_Farbteil_BL          | Bool     | %E11.2  |          |
|               | B5012_Farbteil_GN          | Bool     | %E11.3  |          |
|               | B5013_TB5006               | Bool     | %E11.4  |          |
|              | B5014_TB5006               | Bool     | %E11.5  |          |
|             | B5015_Teil_in_Pos          | Bool     | %E11.6  |          |
|             | B5016_Teil_vorhanden       | Bool     | %E11.7  |          |
|             | B5017_Teil_in_Pos          | Bool     | %E12.0  |          |
|             | B5018_Teil_vorhanden       | Bool     | %E12.1  |          |
|             | B5019_TB5009               | Bool     | %E12.2  |          |
|             | B5020_TB5009               | Bool     | %E12.3  |          |
|             | B5021_TB5010               | Bool     | %E12.4  |          |
|             | B5022_TB5010               | Bool     | %E12.5  |          |
|             | Res_E126                   | Bool     | %E12.6  |          |
|             | Res_E127                   | Bool     | %E12.7  |          |
|             | B5030_PAP5001_RM_X         | Bool     | %E13.0  |          |
|             | B5031_PAP5001_RM_Z         | Bool     | %E13.1  |          |
|             | B5032_PAP5001_Teil_erkannt | Bool     | %E13.2  |          |
|             | B5040_PAP5002_RM_X         | Bool     | %E13.3  |          |
|             | B5041_PAP5002_RM_Z         | Bool     | %E13.4  |          |
|             | B5042_PAP5002_Teil_erkannt | Bool     | %E13.5  |          |
|             | Res_E136                   | Bool     | %E13.6  |          |
|             | Res_E137                   | Bool     | %E13.7  |          |
|             | TB5001                     | Bool     | %A8.0   |          |
|             | TB5002                     | Bool     | %A8.1   |          |
|             | TB5003                     | Bool     | %A8.2   |          |
|             | TB5004                     | Bool     | %A8.3   |          |
|             | TB5005                     | Bool     | %A8.4   |          |
|             | TB5006                     | Bool     | %A8.5   |          |
|             | TB5007                     | Bool     | %A8.6   |          |
|             | TB5008                     | Bool     | %A8.7   |          |
|             | TB5009                     | Bool     | %A9.0   |          |
|             | TB5010                     | Bool     | %A9.1   |          |
|             | STOP5001                   | Bool     | %A9.2   |          |
|             | STOP5002                   | Bool     | %A9.3   |          |
|             | STOP5003                   | Bool     | %A9.4   |          |
|             | STOP5004                   | Bool     | %A9.5   |          |
|             | STOP5005                   | Bool     | %A9.6   |          |
|             | Res_A97                    | Bool     | %A9.7   |          |
|             | PAP5001_X                  | Bool     | %A10.0  |          |
|             | PAP5001_Z                  | Bool     | %A10.1  |          |
|             | PAP5001_Greifer            | Bool     | %A10.2  |          |
|             | PAP5002_X                  | Bool     | %A10.3  |          |
|             | PAP5002_Z                  | Bool     | %A10.4  |          |
|             | PAP5002_Greifer            | Bool     | %A10.5  |          |
|             | Res_A106                   | Bool     | %A10.6  |          |
|             | Res_A107                   | Bool     | %A10.7  |          |
|             | RS5001_V                   | Bool     | %A11.0  |          |
|             | RS5001_links               | Bool     | %A11.1  |          |
|  |                            |          |         |          |

|   |               |                 |                |                 |  |
|---|---------------|-----------------|----------------|-----------------|--|
| Totally Integrated Automation Portal  |               |                 |                |                 |  |
|   | <b>Name</b>   | <b>Datentyp</b> | <b>Adresse</b> | <b>Remanenz</b> |  |
|  | RS5001_rechts | Bool            | %A11.2         |                 |  |
|  | Res_A113      | Bool            | %A11.3         |                 |  |
|  | Res_A114      | Bool            | %A11.4         |                 |  |
|  | Emitter_1     | Bool            | %A11.5         |                 |  |
|  | Emitter_2     | Bool            | %A11.6         |                 |  |
|  | Emitter_3     | Bool            | %A11.7         |                 |  |
|   |               |                 |                |                 |  |












## Anwenderkonstanten

| Anwenderkonstanten |      |          |      |
|--------------------|------|----------|------|
|                    | Name | Datentyp | Wert |

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04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / PLC-Variablen / KW\_Variablen [11]

PLC-Variablen

| PLC-Variablen   |                |          |         |          |
|---|----------------|----------|---------|----------|
|   | Name           | Datentyp | Adresse | Remanenz |
|  | M_True         | Bool     | %M20.0  |          |
|  | M_False        | Bool     | %M20.1  |          |
|  | M_Beladen_Fern | Bool     | %M22.0  |          |
|  | M_Beladen_Nah  | Bool     | %M22.1  |          |
|  | M_Abfuhr_Fern  | Bool     | %M22.2  |          |
|  | M_Abfuhr_Nah   | Bool     | %M22.3  |          |
|  | M_FRG_N1       | Bool     | %M22.4  |          |
|  | M_BND2_KB      | Bool     | %M22.5  |          |
|  | M_BND3_KB      | Bool     | %M22.6  |          |
|  | M_BND4_KB      | Bool     | %M22.7  |          |
|  | M_FRG_N2       | Bool     | %M23.0  |          |



| Totally Integrated Automation Portal   |          |      |                    |  |  |      |          |      |  |  |  |
|--|----------|------|--------------------|--|--|------|----------|------|--|--|--|
| <div>04_Kommisionierung_2018-10-11 / PLC_Bus [CPU 314C-2 DP] / PLC-Variablen / KW_Variablen [11]</div> <div>Anwenderkonstanten</div> <table><tr><th colspan="3">Anwenderkonstanten</th></tr><tr><th>Name</th><th>Datentyp</th><th>Wert</th></tr><tr><td colspan="3"></td></tr></table> |          |      | Anwenderkonstanten |  |  | Name | Datentyp | Wert |  |  |  |
| Anwenderkonstanten   |          |      |                    |  |  |      |          |      |  |  |  |
| Name   | Datentyp | Wert |                    |  |  |      |          |      |  |  |  |
|  |          |      |                    |  |  |      |          |      |  |  |  |
|  |          |      |                    |  |  |      |          |      |  |  |  |

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| Totally Integrated Automation Portal  |  |  |
| <div>04_Kommisionierung_2018-10-11 / PLC_Bus [CPU 314C-2 DP]</div> <div>PLC-Datentypen</div> <div>Dieser Ordner ist leer.</div> |  |  |
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| Totally Integrated Automation Portal   |         |               |            |         |               |            |                 |        |      |  |             |        |      |  |             |        |      |  |             |        |      |  |
|--|---------|---------------|------------|---------|---------------|------------|-----------------|--------|------|--|-------------|--------|------|--|-------------|--------|------|--|-------------|--------|------|--|
| <div>04_Kommisionierung_2018-10-11 / PLC_Bus [CPU 314C-2 DP] / Beobachtungs- und Forcetabellen</div> <div>Beobachtungstabelle_1</div> <table><tr><th>Name</th><th>Adresse</th><th>Anzeigeformat</th><th>Steuerwert</th></tr><tr><td>"M_Beladen_Nah"</td><td>%M22.1</td><td>BOOL</td><td></td></tr><tr><td>"M_BND2_KB"</td><td>%M22.5</td><td>BOOL</td><td></td></tr><tr><td>"M_BND3_KB"</td><td>%M22.6</td><td>BOOL</td><td></td></tr><tr><td>"M_BND4_KB"</td><td>%M22.7</td><td>BOOL</td><td></td></tr></table> |         |               | Name       | Adresse | Anzeigeformat | Steuerwert | "M_Beladen_Nah" | %M22.1 | BOOL |  | "M_BND2_KB" | %M22.5 | BOOL |  | "M_BND3_KB" | %M22.6 | BOOL |  | "M_BND4_KB" | %M22.7 | BOOL |  |
| Name   | Adresse | Anzeigeformat | Steuerwert |         |               |            |                 |        |      |  |             |        |      |  |             |        |      |  |             |        |      |  |
| "M_Beladen_Nah"  | %M22.1  | BOOL          |            |         |               |            |                 |        |      |  |             |        |      |  |             |        |      |  |             |        |      |  |
| "M_BND2_KB"  | %M22.5  | BOOL          |            |         |               |            |                 |        |      |  |             |        |      |  |             |        |      |  |             |        |      |  |
| "M_BND3_KB"  | %M22.6  | BOOL          |            |         |               |            |                 |        |      |  |             |        |      |  |             |        |      |  |             |        |      |  |
| "M_BND4_KB"  | %M22.7  | BOOL          |            |         |               |            |                 |        |      |  |             |        |      |  |             |        |      |  |             |        |      |  |
|  |         |               |            |         |               |            |                 |        |      |  |             |        |      |  |             |        |      |  |             |        |      |  |



## 04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / PLC-Überwachungen & -Meldungen

### PLC-Meldungen

| PLC-Meldungen |     |    |           |          |
|---------------|-----|----|-----------|----------|
| Name          | Typ | ID | Meldetext | Infotext |

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## 04\_Kommissionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / PLC-Überwachungen & -Meldungen

| Anwenderdiagnosemeldungen |     |              |        |    |          |              |             |
|---------------------------|-----|--------------|--------|----|----------|--------------|-------------|
| Name                      | Typ | Fehlerklasse | Nummer | ID | Infotext | Text kommend | Text gehend |

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| Totally Integrated<br>Automation Portal  |  |  |
| <div>04_Kommisionierung_2018-10-11 / PLC_Bus [CPU 314C-2 DP]</div> <div>PLC-Meldetextlisten</div> <div>Dieser Ordner ist leer.</div> |  |  |
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| Totally Integrated Automation Portal |  |  |
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04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Lokale Module

PS 307 5A\_1

PS 307 5A\_1

Printing compact menu

|                 |             |                  |                     |                  |   |
|-----------------|-------------|------------------|---------------------|------------------|---|
| Name            | PS 307 5A_1 | Baugruppenträger | 0                   | Steckplatz       | 1 |
| Kurzbezeichnung | PS 307 5A   | Artikel-Nr.      | 6ES7 307-1EA01-0AA0 | Firmware-Version |   |

Totally Integrated Automation Portal

# 04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Lokale Module

## DI 64x24VDC sinking/sourcing\_1

DI 64x24VDC sinking/sourcing\_1

Printing compact menu

|                 |                                |                  |                     |                  |   |
|-----------------|--------------------------------|------------------|---------------------|------------------|---|
| Name            | DI 64x24VDC sinking/sourcing_1 | Baugruppenträger | 0                   | Steckplatz       | 4 |
| Kurzbezeichnung | DI 64x24VDC sinking/sourcing   | Artikel-Nr.      | 6ES7 321-1BP00-0AA0 | Firmware-Version |   |

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| Totally Integrated Automation Portal |  |  |
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04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Lokale Module

DI 64x24VDC sinking/sourcing\_2

DI 64x24VDC sinking/sourcing\_2

Printing compact menu

|                 |                                |                  |                     |                  |   |
|-----------------|--------------------------------|------------------|---------------------|------------------|---|
| Name            | DI 64x24VDC sinking/sourcing_2 | Baugruppenträger | 0                   | Steckplatz       | 5 |
| Kurzbezeichnung | DI 64x24VDC sinking/sourcing   | Artikel-Nr.      | 6ES7 321-1BP00-0AA0 | Firmware-Version |   |

|   |                                |                  |                     |                                |                  |   |            |   |                 |                              |             |                     |                  |  |
|---|--------------------------------|------------------|---------------------|--------------------------------|------------------|---|------------|---|-----------------|------------------------------|-------------|---------------------|------------------|--|
| Totally Integrated Automation Portal  |                                |                  |                     |                                |                  |   |            |   |                 |                              |             |                     |                  |  |
| <div>04_Kommisionierung_2018-10-11 / PLC_Bus [CPU 314C-2 DP] / Lokale Module</div> <div>DI 64x24VDC sinking/sourcing_3</div> <div><div>DI 64x24VDC sinking/sourcing_3</div><div>Printing compact menu</div><table><tr><td>Name</td><td>DI 64x24VDC sinking/sourcing_3</td><td>Baugruppenträger</td><td>0</td><td>Steckplatz</td><td>6</td></tr><tr><td>Kurzbezeichnung</td><td>DI 64x24VDC sinking/sourcing</td><td>Artikel-Nr.</td><td>6ES7 321-1BP00-0AA0</td><td>Firmware-Version</td><td></td></tr></table></div> |                                |                  | Name                | DI 64x24VDC sinking/sourcing_3 | Baugruppenträger | 0 | Steckplatz | 6 | Kurzbezeichnung | DI 64x24VDC sinking/sourcing | Artikel-Nr. | 6ES7 321-1BP00-0AA0 | Firmware-Version |  |
| Name  | DI 64x24VDC sinking/sourcing_3 | Baugruppenträger | 0                   | Steckplatz                     | 6                |   |            |   |                 |                              |             |                     |                  |  |
| Kurzbezeichnung   | DI 64x24VDC sinking/sourcing   | Artikel-Nr.      | 6ES7 321-1BP00-0AA0 | Firmware-Version               |                  |   |            |   |                 |                              |             |                     |                  |  |
|   |                                |                  |                     |                                |                  |   |            |   |                 |                              |             |                     |                  |  |

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| Totally Integrated Automation Portal |  |  |
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04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Lokale Module

DI 64x24VDC sinking/sourcing\_4

DI 64x24VDC sinking/sourcing\_4

Printing compact menu

|                 |                                |                  |                     |                  |   |
|-----------------|--------------------------------|------------------|---------------------|------------------|---|
| Name            | DI 64x24VDC sinking/sourcing_4 | Baugruppenträger | 0                   | Steckplatz       | 7 |
| Kurzbezeichnung | DI 64x24VDC sinking/sourcing   | Artikel-Nr.      | 6ES7 321-1BP00-0AA0 | Firmware-Version |   |

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| Totally Integrated Automation Portal |  |  |
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04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Lokale Module

DO 64x24VDC/0.3A sourcing\_1

DO 64x24VDC/0.3A sourcing\_1

Printing compact menu

|                 |                             |                  |                     |                  |   |
|-----------------|-----------------------------|------------------|---------------------|------------------|---|
| Name            | DO 64x24VDC/0.3A sourcing_1 | Baugruppenträger | 0                   | Steckplatz       | 8 |
| Kurzbezeichnung | DO 64x24VDC/0.3A sourcing   | Artikel-Nr.      | 6ES7 322-1BP00-0AA0 | Firmware-Version |   |

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| Totally Integrated Automation Portal |  |  |
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04\_Kommisionierung\_2018-10-11 / PLC\_Bus [CPU 314C-2 DP] / Lokale Module

DO 64x24VDC/0.3A sourcing\_2

DO 64x24VDC/0.3A sourcing\_2

Printing compact menu

|                 |                             |                  |                     |                  |   |
|-----------------|-----------------------------|------------------|---------------------|------------------|---|
| Name            | DO 64x24VDC/0.3A sourcing_2 | Baugruppenträger | 0                   | Steckplatz       | 9 |
| Kurzbezeichnung | DO 64x24VDC/0.3A sourcing   | Artikel-Nr.      | 6ES7 322-1BP00-0AA0 | Firmware-Version |   |




|  |                             |                  |                     |                             |                  |   |            |    |                 |                           |             |                     |                  |  |
|--|-----------------------------|------------------|---------------------|-----------------------------|------------------|---|------------|----|-----------------|---------------------------|-------------|---------------------|------------------|--|
| Totally Integrated Automation Portal   |                             |                  |                     |                             |                  |   |            |    |                 |                           |             |                     |                  |  |
| <div>04_Kommisionierung_2018-10-11 / PLC_Bus [CPU 314C-2 DP] / Lokale Module</div> <div>DO 64x24VDC/0.3A sourcing_3</div> <div><div>DO 64x24VDC/0.3A sourcing_3</div><div>Printing compact menu</div><table><tr><td>Name</td><td>DO 64x24VDC/0.3A sourcing_3</td><td>Baugruppenträger</td><td>0</td><td>Steckplatz</td><td>10</td></tr><tr><td>Kurzbezeichnung</td><td>DO 64x24VDC/0.3A sourcing</td><td>Artikel-Nr.</td><td>6ES7 322-1BP00-0AA0</td><td>Firmware-Version</td><td></td></tr></table></div> |                             |                  | Name                | DO 64x24VDC/0.3A sourcing_3 | Baugruppenträger | 0 | Steckplatz | 10 | Kurzbezeichnung | DO 64x24VDC/0.3A sourcing | Artikel-Nr. | 6ES7 322-1BP00-0AA0 | Firmware-Version |  |
| Name   | DO 64x24VDC/0.3A sourcing_3 | Baugruppenträger | 0                   | Steckplatz                  | 10               |   |            |    |                 |                           |             |                     |                  |  |
| Kurzbezeichnung  | DO 64x24VDC/0.3A sourcing   | Artikel-Nr.      | 6ES7 322-1BP00-0AA0 | Firmware-Version            |                  |   |            |    |                 |                           |             |                     |                  |  |
|  |                             |                  |                     |                             |                  |   |            |    |                 |                           |             |                     |                  |  |



|  |                             |                  |                     |                             |                  |   |            |    |                 |                           |             |                     |                  |  |
|--|-----------------------------|------------------|---------------------|-----------------------------|------------------|---|------------|----|-----------------|---------------------------|-------------|---------------------|------------------|--|
| Totally Integrated Automation Portal   |                             |                  |                     |                             |                  |   |            |    |                 |                           |             |                     |                  |  |
| <div>04_Kommisionierung_2018-10-11 / PLC_Bus [CPU 314C-2 DP] / Lokale Module</div> <div>DO 64x24VDC/0.3A sourcing_4</div> <div><div>DO 64x24VDC/0.3A sourcing_4</div><div>Printing compact menu</div><table><tr><td>Name</td><td>DO 64x24VDC/0.3A sourcing_4</td><td>Baugruppenträger</td><td>0</td><td>Steckplatz</td><td>11</td></tr><tr><td>Kurzbezeichnung</td><td>DO 64x24VDC/0.3A sourcing</td><td>Artikel-Nr.</td><td>6ES7 322-1BP00-0AA0</td><td>Firmware-Version</td><td></td></tr></table></div> |                             |                  | Name                | DO 64x24VDC/0.3A sourcing_4 | Baugruppenträger | 0 | Steckplatz | 11 | Kurzbezeichnung | DO 64x24VDC/0.3A sourcing | Artikel-Nr. | 6ES7 322-1BP00-0AA0 | Firmware-Version |  |
| Name   | DO 64x24VDC/0.3A sourcing_4 | Baugruppenträger | 0                   | Steckplatz                  | 11               |   |            |    |                 |                           |             |                     |                  |  |
| Kurzbezeichnung  | DO 64x24VDC/0.3A sourcing   | Artikel-Nr.      | 6ES7 322-1BP00-0AA0 | Firmware-Version            |                  |   |            |    |                 |                           |             |                     |                  |  |
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| Totally Integrated<br>Automation Portal  |  |  |
| <div>04_Kommisionierung_2018-10-11</div> <div>Nicht gruppierte Geräte</div> <div>Dieser Ordner ist leer.</div> |  |  |
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| Totally Integrated Automation Portal   |             |             |              |  |  |  |      |             |             |           |                 |   |      |   |                    |    |       |   |
|--|-------------|-------------|--------------|--|--|--|------|-------------|-------------|-----------|-----------------|---|------|---|--------------------|----|-------|---|
| <div>04_Kommisionierung_2018-10-11 / Gemeinsame Daten</div> <div>Meldeklassen</div> <table><thead><tr><th colspan="4">Meldeklassen</th></tr><tr><th>Name</th><th>Anzeigename</th><th>Quittierung</th><th>Priorität</th></tr></thead><tbody><tr><td>Acknowledgement</td><td>A</td><td>True</td><td>0</td></tr><tr><td>No Acknowledgement</td><td>NA</td><td>False</td><td>0</td></tr></tbody></table> |             |             | Meldeklassen |  |  |  | Name | Anzeigename | Quittierung | Priorität | Acknowledgement | A | True | 0 | No Acknowledgement | NA | False | 0 |
| Meldeklassen   |             |             |              |  |  |  |      |             |             |           |                 |   |      |   |                    |    |       |   |
| Name   | Anzeigename | Quittierung | Priorität    |  |  |  |      |             |             |           |                 |   |      |   |                    |    |       |   |
| Acknowledgement  | A           | True        | 0            |  |  |  |      |             |             |           |                 |   |      |   |                    |    |       |   |
| No Acknowledgement   | NA          | False       | 0            |  |  |  |      |             |             |           |                 |   |      |   |                    |    |       |   |
|  |             |             |              |  |  |  |      |             |             |           |                 |   |      |   |                    |    |       |   |

| Totally Integrated Automation Portal  |   |            |          |         |       |      |   |   |            |          |
|---|---|------------|----------|---------|-------|------|---|---|------------|----------|
| <div>04_Kommisionierung_2018-10-11 / Gemeinsame Daten / Protokolle</div> <div>F-Änderungshistorie PLC_2 2018-01-13 18:51:13</div> <div><div>F-Änderungshistorie PLC_2 2018-01-13 18:51:13</div><table><tr><th>!</th><th>Meldung</th><th>Datum</th><th>Zeit</th></tr><tr><td></td><td>F-Aktivierung für die CPU PLC_2 wurde deaktiviert</td><td>13.01.2018</td><td>18:51:13</td></tr></table></div> |   |            | !        | Meldung | Datum | Zeit |  | F-Aktivierung für die CPU PLC_2 wurde deaktiviert | 13.01.2018 | 18:51:13 |
| !   | Meldung   | Datum      | Zeit     |         |       |      |   |   |            |          |
|    | F-Aktivierung für die CPU PLC_2 wurde deaktiviert | 13.01.2018 | 18:51:13 |         |       |      |   |   |            |          |
|   |   |            |          |         |       |      |   |   |            |          |

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| Totally Integrated Automation Portal   |  |  |
| <div>04_Kommisionierung_2018-10-11 / Sprachen &amp; Ressourcen</div> <div>Projektsprachen</div> <div><div>Sprachen</div><div>Referenzsprache</div><div>Deutsch (Deutschland)</div><div>Editiersprache</div><div>Deutsch (Deutschland)</div><div>Weitere Projektsprachen</div><div>Leer</div></div> |  |  |
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| Totally Integrated Automation Portal   |                             |   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
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| <div>04_Kommisionierung_2018-10-11 / Sprachen &amp; Ressourcen / Projekttexte</div> <div>Projekttexte</div> <table><tr><th colspan="3">Projekttexte</th></tr><tr><th>Deutsch (Deutschland)</th><th>Kategorie</th><th>Referenz</th></tr><tr><td></td><td>Mehrsprachige Textkategorie</td><td>Subcategory 1\Description</td></tr><tr><td></td><td>Mehrsprachige Textkategorie</td><td>Subcategory 2\Description</td></tr><tr><td></td><td>Mehrsprachige Textkategorie</td><td>Subcategory 3\Description</td></tr><tr><td></td><td>Mehrsprachige Textkategorie</td><td>Subcategory 4\Description</td></tr><tr><td></td><td>Mehrsprachige Textkategorie</td><td>Subcategory 5\Description</td></tr><tr><td></td><td>Mehrsprachige Textkategorie</td><td>Subcategory 6\Description</td></tr><tr><td></td><td>Mehrsprachige Textkategorie</td><td>Subcategory 7\Description</td></tr><tr><td></td><td>Mehrsprachige Textkategorie</td><td>Subcategory 8\Description</td></tr><tr><td></td><td>Mehrsprachige 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0\Text</td></tr><tr><td>"Main Program Sweep (Cycle)"</td><td>Bausteinkommentar</td><td>04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Main [OB1]\Bausteintitel</td></tr><tr><td>(AHEAD) Sensor vorne</td><td>Bausteinkommentar</td><td>snsr_AH</td></tr><tr><td>(BEHIND) Sensor hinten</td><td>Bausteinkommentar</td><td>snsr_BE</td></tr><tr><td>(NEXT) Erster Sensor beim nächsten Glied in der Kette</td><td>Bausteinkommentar</td><td>snsr_NE</td></tr><tr><td>(PREVIOUS) Letzter Sensor beim vorherigen Kettenglied</td><td>Bausteinkommentar</td><td>snsr_PR</td></tr><tr><td>04_Kommisionierung</td><td>Bausteinkommentar</td><td>04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Main [OB1]\Netzwerk 2\Netzwerktitel</td></tr><tr><td>04-00 Kistenerzeugung</td><td>Bausteinkommentar</td><td>04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04_Kommisionierung [FC1]\Netzwerk 1\Netzwerktitel</td></tr><tr><td>04-01 LoadLinie mit 2 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6\Netzwerktitel</td></tr><tr><td>A</td><td>Meldeklassentext</td><td>04_Kommisionierung_2018-10-11\Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName</td></tr><tr><td>A</td><td>Meldeklassentext</td><td>04_Kommisionierung_2018-10-11\Acknowledgement\ShortName</td></tr><tr><td>Abfuhr-Kontrolle for the first LOAD-St</td><td>Bausteinkommentar</td><td>04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 9\Netzwerktitel</td></tr><tr><td>Abfuhr-Kontrolle for thesecond LOAD-St</td><td>Bausteinkommentar</td><td>04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 10\Netzwerktitel</td></tr><tr><td>Ablaufkette für das Pick and Place Manipulator</td><td>Bausteinkommentar</td><td>04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine \Pick_n_Place_Rueckw [FB95]\Bausteintitel</td></tr><tr><td>Aktion</td><td>Kategorie für Textlisten</td><td>04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 104\Text</td></tr><tr><td>Aktion</td><td>Kategorie für Textlisten</td><td>04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 204\Text</td></tr><tr><td>Aktion</td><td>Kategorie für Textlisten</td><td>04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 304\Text</td></tr><tr><td>Aktion</td><td>Kategorie für Textlisten</td><td>04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 404\Text</td></tr><tr><td>Aktion</td><td>Kategorie für Textlisten</td><td>04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 504\Text</td></tr><tr><td>Aktion</td><td>Kategorie für Textlisten</td><td>04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 604\Text</td></tr><tr><td>Aktion</td><td>Kategorie für Textlisten</td><td>04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 704\Text</td></tr></table> | Projekttexte                |   |  | Deutsch (Deutschland) | Kategorie | Referenz |  | Mehrsprachige Textkategorie | Subcategory 1\Description |  | Mehrsprachige Textkategorie | Subcategory 2\Description |  | Mehrsprachige Textkategorie | Subcategory 3\Description |  | Mehrsprachige Textkategorie | Subcategory 4\Description |  | Mehrsprachige Textkategorie | Subcategory 5\Description |  | Mehrsprachige Textkategorie | Subcategory 6\Description |  | Mehrsprachige Textkategorie | Subcategory 7\Description |  | Mehrsprachige Textkategorie | Subcategory 8\Description |  | Mehrsprachige Textkategorie | Subcategory 9\Description |  | Mehrsprachige Textkategorie | Subcategory 10\Description |  | Mehrsprachige Textkategorie | Subcategory 11\Description |  | Mehrsprachige Textkategorie | Subcategory 12\Description |  | Mehrsprachige Textkategorie | Subcategory 13\Description |  | Mehrsprachige Textkategorie | Subcategory 14\Description |  | Mehrsprachige 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DP]\Programmbausteine\04_Kommisionierung [FC1]\Netzwerk 4\Netzwerktitel | 04-04 Zweites PAP-Manipulator | Bausteinkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04_Kommisionierung [FC1]\Netzwerk 5\Netzwerktitel | 04-05 Sortierstation | Bausteinkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04_Kommisionierung [FC1]\Netzwerk 6\Netzwerktitel | A | Meldeklassentext | 04_Kommisionierung_2018-10-11\Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName | A | Meldeklassentext | 04_Kommisionierung_2018-10-11\Acknowledgement\ShortName | Abfuhr-Kontrolle for the first LOAD-St | Bausteinkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 9\Netzwerktitel | Abfuhr-Kontrolle for thesecond LOAD-St | Bausteinkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 10\Netzwerktitel | Ablaufkette für das Pick and Place Manipulator | Bausteinkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine \Pick_n_Place_Rueckw [FB95]\Bausteintitel | Aktion | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 104\Text | Aktion | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 204\Text | Aktion | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 304\Text | Aktion | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 404\Text | Aktion | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 504\Text | Aktion | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 604\Text | Aktion | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 704\Text |  |  |
| Projekttexte   |                             |   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| Deutsch (Deutschland)  | Kategorie                   | Referenz  |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 1\Description   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 2\Description   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 3\Description   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 4\Description   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 5\Description   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 6\Description   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 7\Description   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 8\Description   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 9\Description   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 10\Description  |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 11\Description  |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 12\Description  |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 13\Description  |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 14\Description  |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 15\Description  |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 16\Description  |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 1\Description   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 2\Description   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 3\Description   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 4\Description   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 5\Description   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 6\Description   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 7\Description   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 8\Description   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 9\Description   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 10\Description  |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 11\Description  |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 12\Description  |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 13\Description  |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 14\Description  |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 15\Description  |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Mehrsprachige Textkategorie | Subcategory 16\Description  |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Weitere Textkategorie       | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Kommentar  |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Weitere Textkategorie       | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Kommentar                                       |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Weitere Textkategorie       | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Kommentar                                   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
|  | Weitere Textkategorie       | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Kommentar                                   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| --   | Kategorie für Textlisten    | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 0\Text                                |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| --   | Kategorie für Textlisten    | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 0\Text                                |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| "Main Program Sweep (Cycle)"   | Bausteinkommentar           | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Main [OB1]\Bausteintitel                          |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| (AHEAD) Sensor vorne   | Bausteinkommentar           | snsr_AH   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| (BEHIND) Sensor hinten   | Bausteinkommentar           | snsr_BE   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| (NEXT) Erster Sensor beim nächsten Glied in der Kette  | Bausteinkommentar           | snsr_NE   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| (PREVIOUS) Letzter Sensor beim vorherigen Kettenglied  | Bausteinkommentar           | snsr_PR   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| 04_Kommisionierung   | Bausteinkommentar           | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Main [OB1]\Netzwerk 2\Netzwerktitel               |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| 04-00 Kistenerzeugung  | Bausteinkommentar           | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04_Kommisionierung [FC1]\Netzwerk 1\Netzwerktitel |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| 04-01 LoadLinie mit 2 PAP  | Bausteinkommentar           | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04_Kommisionierung [FC1]\Netzwerk 2\Netzwerktitel |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| 04-02 Kistengedaechnis   | Bausteinkommentar           | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04_Kommisionierung [FC1]\Netzwerk 3\Netzwerktitel |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| 04-03 Erstes PAP-Manipulator   | Bausteinkommentar           | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04_Kommisionierung [FC1]\Netzwerk 4\Netzwerktitel |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| 04-04 Zweites PAP-Manipulator  | Bausteinkommentar           | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04_Kommisionierung [FC1]\Netzwerk 5\Netzwerktitel |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| 04-05 Sortierstation   | Bausteinkommentar           | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04_Kommisionierung [FC1]\Netzwerk 6\Netzwerktitel |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| A  | Meldeklassentext            | 04_Kommisionierung_2018-10-11\Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName                                   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| A  | Meldeklassentext            | 04_Kommisionierung_2018-10-11\Acknowledgement\ShortName   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| Abfuhr-Kontrolle for the first LOAD-St   | Bausteinkommentar           | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 9\Netzwerktitel    |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| Abfuhr-Kontrolle for thesecond LOAD-St   | Bausteinkommentar           | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 10\Netzwerktitel   |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| Ablaufkette für das Pick and Place Manipulator   | Bausteinkommentar           | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine \Pick_n_Place_Rueckw [FB95]\Bausteintitel         |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| Aktion   | Kategorie für Textlisten    | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 104\Text                                       |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| Aktion   | Kategorie für Textlisten    | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 204\Text                                       |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| Aktion   | Kategorie für Textlisten    | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 304\Text                                       |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| Aktion   | Kategorie für Textlisten    | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 404\Text                                       |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| Aktion   | Kategorie für Textlisten    | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 504\Text                                       |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| Aktion   | Kategorie für Textlisten    | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 604\Text                                       |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |
| Aktion   | Kategorie für Textlisten    | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 704\Text                                       |  |                       |           |          |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                           |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                             |                            |  |                       |  |  |                       |   |  |                       |   |  |                       |   |    |                          |  |    |                          |  |                              |                   |  |                      |                   |         |                        |                   |         |   |                   |         |   |                   |         |                    |                   |   |                       |                   |   |                           |                   |   |                        |                   |   |                              |                   |   |                               |                   |   |                      |                   |   |   |                  |   |   |                  |   |  |                   |  |  |                   |   |  |                   |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |        |                          |   |  |  |

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| Totally Integrated Automation Portal  |                                  |  |
| Deutsch (Deutschland)   | Kategorie                        | Referenz   |
| Aktion  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 804\Text  |
| aktiv, wenn NUR eine Farbe aus 2 erkannt wurde  | Bausteinkommentar                | Band_FRGB  |
| Allgemeine Steuerung eines Foerderbandes  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\TB_General [FB20]\Bausteintitel                          |
| Anzeige gelb in STOP-Taster   | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Betriebsart [35]\P11_STOP\Kommentar                          |
| Anzeige grün in START-Taster  | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Betriebsart [35]\P10_START\Kommentar                         |
| Aufforderung die Kiste in Lageposition zu stop-pen, um zu beladen   | Bausteinkommentar                | STOP_2   |
| Aufforderung die Kiste in Lageposition zu stop-pen, um zu beladen   | Bausteinkommentar                | STOP_1   |
| Aufforderung Motor ANzuschalten, solange Signal aktiv ist   | Bausteinkommentar                | Motor_AN   |
| Aufruf AUTOMatik-Betrieb der Kommisionierungsline OHNE Behandlung von Fehler  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Main [OB1]\Netzwerk 2\Netzwerkkommentar                  |
| Ausgang zum Steuern des Motores   | Bausteinkommentar                | aktr_MTR   |
| Ausgang, der den Motor steuert aktiv =1   | Bausteinkommentar                | Motor  |
| Ausgang, der direkt Kistenemmiter steuert   | Bausteinkommentar                | Emmiter  |
| Automatikbetribeb für das Modul "04-Kommissionierung" mit Factory IO  | Weitere Textkategorie            | 04_Kommisionierung_2018-10-11\Kommentar  |
| Automatikbetrieb für das Project 04-Kommisionierung mit Factory IO  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04_Kommisionierung [FC1]\Bausteintitel                   |
| Band Freigabe   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sortierstation [FB2]\Netzwerk 13\Netzwerktitel     |
| Bedienung, ob das Laden schon beendet ist und Kiste darf weiter fahren  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 9\Netzwerkkommentar       |
| Bedienung, ob das Laden schon beendet ist und Kiste darf weiter fahren  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 10\Netzwerkkommentar      |
| Bedinung um das Band zu stoppen um die Kiste an der Stelle zu beladen   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 7\Netzwerkkommentar       |
| Bedinung um das Band zu stoppen um die Kiste an der Stelle zu beladen   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 8\Netzwerkkommentar       |
| Bedinung um Motror ANzuschalten   | Bausteinkommentar                | Movement   |
| Befehl dem Motor sofort auszuschalten   | Bausteinkommentar                | Sperre   |
| Befehl den Motor sofort AUSzuschalten   | Bausteinkommentar                | Sperre   |
| bei der Integration im gesamten Programm müssen ersetzt werden!!!   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Main [OB1]\Netzwerk 4\Netzwerkkommentar                  |
| bei der Integration im gesamten Programm müssen ersetzt werden!!!   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Main [OB1]\Netzwerk 6\Netzwerkkommentar                  |
| Beladen EIN/AUS / Freigabe  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\TB_General [FB20]\Netzwerk 3\Netzwerktitel               |
| Beladen wird AUS  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Foerderband_NC-NC [FB5]\Netzwerk 2\Netzwerktitel         |
| Beladen wird EIN  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Foerderband_NC-NC [FB5]\Netzwerk 1\Netzwerktitel         |
| Bereitschaf an das vorherige Kettenglied zu melden  | Bausteinkommentar                | Bereit   |
| Bereitschaft EIN/AUS  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Foerderband_NC-NC [FB5]\Netzwerk 3\Netzwerktitel         |
| Blau erkannt  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sortierstation [FB2]\Netzwerk 7\Netzwerktitel      |
| Blaues Teil ist erkannt   | Bausteinkommentar                | Teil_B   |
| Bremsebefehl umzugehen  | Bausteinkommentar                | Brake_Bypass   |
| Bremsenumgehung   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\TB_General [FB20]\Netzwerk 7\Netzwerktitel               |
| Das Band ist beladen mit Ladestück  | Bausteinkommentar                | Loaded   |
| Das Band ist mit Ladestück beladen  | Bausteinkommentar                | Beladen  |
| das laden ist beendet. die Kiste darf weiter fahren   | Bausteinkommentar                | ABFUHR_Fern  |
| das laden ist beendet. die Kiste darf weiter fahren   | Bausteinkommentar                | ABFUHR_Nah   |
| Das Programm gewährleistet NUR AUTOMATK-Betrieb OHNE Beachtung NOT-HALT und Schalter EIN/AUS. Muss separat realisiert werden (ist vom mir in "03-Fertigung" entwickelt). Für den Pick-and-Place Manipulator muss zusätzlich zu den Schritten eine Bedinung hinzugefügt werden, die prüft, ob NOT-HALT aktiv ist, falls dann darf der nächster Schrit nicht aktiviert werden, eigentlich ganz einfache Änderung. | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04_Kommisionierung [FC1]\Bausteinkommentar               |
| Das Signal zum Anhalten wird damit über-brückt  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\TB_General [FB20]\Netzwerk 7\Netzwerkkommentar           |
| Der Emmitter in Factory IO funktioniert nicht immer vernünftig mit Aktivierung durch ein einziger Takt, deswegen Verzögerung  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-00 Kistenerzeugung [FB4]\Netzwerk 2\Netzwerkkommentar |
| Der erste sensor der Ladung überwacht in Laufrichtung (NC)  | Bausteinkommentar                | Erster_Sensor  |
| Der Motor sollte EINGeschaltet sein, wenn die Förderband beladen ist und das nächse Glied in der Kette eine Freigabe meldet. Und wenn keine Freigabe vorlig, aber die Förderbahn immer beladen ist, dann darf die Last bist zum letzten Sensor fahren.  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Foerderband_NC-NC [FB5]\Netzwerk 4\Netzwerkkommentar     |
| Der zweite sensor der Ladung überwacht in Laufrichtung (NC)   | Bausteinkommentar                | Letzter_Sensor   |
| Die Bewegung des Bandes ist erwünscht   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\TB_General [FB20]\Netzwerk 5\Netzwerkkommentar           |
| Die Bewegung des Bandes ist NICHT erwünscht   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\TB_General [FB20]\Netzwerk 6\Netzwerkkommentar           |
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| Totally Integrated Automation Portal   |                                  |  |
| Deutsch (Deutschland)  | Kategorie                        | Referenz   |
| Die Kisten für beide Stationen werden immer abwechselnd erzeugt und dementsprechend markiert   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-00 Kistenzeugung [FB4]\Bausteincommentar            |
| Die lange gerade Fertigungslinie, wo die leere Kisten mit grünen und Blauen Teilen beladen werden  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Bausteintitel                    |
| Die Reihe von Förderbenden, wo die leere Kisten mit den Teilen beladen werden und zur Sortierstation weitergegeben   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04_Kommisionierung [FC1]\Netzwerk 2\Netzwerkcommentar  |
| Drittes Band   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 4\Netzwerktitel         |
| Einfache Steuerung für das Förderband mit Öffner-Sensoren (Lichtschränke mit dem Spiegel)  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Foerderband_NC-NC [FB5]\Bausteintitel                  |
| eingehende Freigabe vom nächsten Kettenglied   | Bausteincommentar                | FRG_IN   |
| Eingehende Freigabe vom nächsten Kettenglied   | Bausteincommentar                | FRG_IN   |
| Erkennung des Momentes wenn das Band freigegeben ist   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-00 Kistenzeugung [FB4]\Netzwerk 1\Netzwerkcommentar |
| Erstes Band (1st LD-St)  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 1\Netzwerktitel         |
| Erstes Band / Stopper  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 2\Netzwerktitel         |
| Erstes Band links  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sortierstation [FB2]\Netzwerk 3\Netzwerktitel    |
| Es darf gleichzeitig nur eine Kiste auf einem Band stehen, die ganze Logik der Programm geht davon aus, falls es mehr werden - gibt es Probleme, hier sind keine Mechanismen implementiert, die das erkennen. !!!Verbesserungsmöglichkeit!!! | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Bausteincommentar                |
| Es gibt 3 globale Merker für jedes Band, wo Kistenstatus gespeichert und weitergegeben wird  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-02 Kistengedaechnis [FB3]\Bausteincommentar         |
| Farberkennung BL   | Textkategorie Variablencommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5011_Farbteil_BL\Kommentar           |
| Farberkennung GN   | Textkategorie Variablencommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5012_Farbteil_GN\Kommentar           |
| Fehler   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 101\Text                                       |
| Fehler   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 102\Text                                       |
| Fehler   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 103\Text                                       |
| Fehler   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 104\Text                                       |
| Fehler   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 105\Text                                       |
| Fehler   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 106\Text                                       |
| Fehler   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 107\Text                                       |
| Fehler   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 108\Text                                       |
| Fehler   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 109\Text                                       |
| Fehler   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 110\Text                                       |
| Fehlermeldung  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 106\Text  |
| Fehlermeldung  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 206\Text  |
| Fehlermeldung  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 306\Text  |
| Fehlermeldung  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 406\Text  |
| Fehlermeldung  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 506\Text  |
| Fehlermeldung  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 606\Text  |
| Fehlermeldung  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 706\Text  |
| Fehlermeldung  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 806\Text  |
| Ferner Stopper aktivieren  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Main [OB1]\Netzwerk 6\Netzwerktitel                    |
| Fernes Zuliefererband  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Main [OB1]\Netzwerk 5\Netzwerktitel                    |
| Flanken Erkennung  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-00 Kistenzeugung [FB4]\Netzwerk 1\Netzwerktitel     |
| flanken Erkennungsbit  | Bausteincommentar                | flk_snsr_AH  |
| flanken Erkennungsbit  | Bausteincommentar                | flk_Brake_OFF  |
| flanken Erkennungsbit  | Bausteincommentar                | flk_snsr_BE_P  |
| flanken Erkennungsbit  | Bausteincommentar                | flk_snsr_BE_N  |
| flanken Erkennungsbit  | Bausteincommentar                | flk_snsr_NE  |
| flanken Erkennungsbit  | Bausteincommentar                | flk_snsr_PR  |
| Flankenauswertung snsr_AH (positiv)  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\TB_General [FB20]\Netzwerk 2\Netzwerktitel             |
| Flankenauswertung snsr_BE (Negativ)  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\TB_General [FB20]\Netzwerk 1\Netzwerktitel             |
| Flankenerkennungbit  | Bausteincommentar                | flk_snsr   |
| Flankenerkennungbit  | Bausteincommentar                | flk_snsr_2   |
| Flankenerkennungbit  | Bausteincommentar                | flk_snsr_3   |
| Flankenerkennungbit  | Bausteincommentar                | flk_snsr_4   |
| flankenerkennunsbit  | Bausteincommentar                | flk_snsr_1   |
| flankenerkennunsbit  | Bausteincommentar                | flk_snsr_2   |
| flankenerkennunsbit  | Bausteincommentar                | flk_Abfuhr_Nah   |
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| flankenerkennunsbit   | Bausteincommentar                | flk_Abfuhr_Fern   |
| Flankenerkennunsbit   | Bausteincommentar                | FLK_LetzterSensor   |
| Flankenerkennunsbit   | Bausteincommentar                | FLK_ErsterSensor  |
| Flankenerkennunsbit   | Bausteincommentar                | flk_snsr_V  |
| Flankenerkennunsbit   | Bausteincommentar                | flk_FRG_IN  |
| Flankenerkenung Geradeaus (Negativ)   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sor-tierstation [FB2]\Netzwerk 10\Netzwerktitel     |
| Flankenerkenung Links (Negativ)   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sor-tierstation [FB2]\Netzwerk 9\Netzwerktitel      |
| Flip-Flop, wird gesetzt wenn die blaue Farbe erkannt wurde  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sor-tierstation [FB2]\Netzwerk 7\Netzwerkkommentar  |
| Flip-Flop, wird gesetzt wenn die grüne Farbe erkannt wurde  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sor-tierstation [FB2]\Netzwerk 6\Netzwerkkommentar  |
| Fordert auf die beladene Kiste weiterzuführen   | Bausteincommentar                | Abfuhr_Modus_2  |
| Fordert auf die beladene Kiste weiterzuführen   | Bausteincommentar                | Abfuhr_Modus_1  |
| Freibage für das vorherige Kettenglied  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sor-tierstation [FB2]\Netzwerk 14\Netzwerkkommentar |
| Freigabe an das vorherige Kettenglied   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 11\Netzwerkkommentar       |
| Freigabe für das vorherige Kettenglied  | Bausteincommentar                | FRG_OUT   |
| Freigabe für die linke Abführbänder   | Bausteincommentar                | FRG_IN_L  |
| Freigabe OUT  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 11\Netzwerktitel           |
| Freigabe OUT  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sor-tierstation [FB2]\Netzwerk 14\Netzwerktitel     |
| Freigabe vom nächsten Kettenglied   | Bausteincommentar                | FRG_IN  |
| Freigabe von dem band, das gerade steht   | Bausteincommentar                | FRG_Gerade  |
| Freigabe von der linken Linie   | Bausteincommentar                | FRG_Left  |
| Freigabe zum vorherigen Kettenglied   | Bausteincommentar                | FRT_OUT   |
| Freigabemeldung an das vorherige Kettenglied  | Bausteincommentar                | FRG_OUT   |
| Freigabe-Signal für erste Band-Übergang (zwi-schen Bändern)   | Bausteincommentar                | FRG_VAL_2   |
| Freigabe-Signal für erste Band-Übergang (zwi-schen Bändern)   | Bausteincommentar                | FRG_VAL_3   |
| Freigabe-Signal für erste Band-Übergang (zwi-schen Bändern)   | Bausteincommentar                | FRG_VAL_1   |
| Freigabe-Signal von nächstem Kettenglied (Station oder Band)  | Bausteincommentar                | Freigabe  |
| Freigebe für das geradestehende Abfährband  | Bausteincommentar                | FRG_IN_G  |
| Freigebe zwischen beiden Bänder in der linken Linie   | Bausteincommentar                | FRG_Left_Mitte  |
| fuenftes Band mit Farbsensoren  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sor-tierstation [FB2]\Netzwerk 1\Netzwerktitel      |
| führt blaue Teile zur erster Ladestation, bei der Integration im gesamten Programm müssen ersetzt werden!!!   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Main [OB1]\Netzwerk 3\Netzwerkkommentar                   |
| führt blaue Teile zur erster Ladestation, bei der Integration im gesamten Programm müssen ersetzt werden!!!   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Main [OB1]\Netzwerk 5\Netzwerkkommentar                   |
| GRAPH-Interlock   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 108\Text   |
| GRAPH-Interlock   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 208\Text   |
| GRAPH-Interlock   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 308\Text   |
| GRAPH-Interlock   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 408\Text   |
| GRAPH-Interlock   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 508\Text   |
| GRAPH-Interlock   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 608\Text   |
| GRAPH-Interlock   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 708\Text   |
| GRAPH-Interlock   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 808\Text   |
| GRAPH-Supervision   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 109\Text   |
| GRAPH-Supervision   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 209\Text   |
| GRAPH-Supervision   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 309\Text   |
| GRAPH-Supervision   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 409\Text   |
| GRAPH-Supervision   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 509\Text   |
| GRAPH-Supervision   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 609\Text   |
| GRAPH-Supervision   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 709\Text   |
| GRAPH-Supervision   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 809\Text   |
| GRAPH-Warnung   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 110\Text   |
| GRAPH-Warnung   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 210\Text   |
| GRAPH-Warnung   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 310\Text   |
| GRAPH-Warnung   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 410\Text   |
| GRAPH-Warnung   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 510\Text   |
| GRAPH-Warnung   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 610\Text   |
| GRAPH-Warnung   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 710\Text   |
| GRAPH-Warnung   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 810\Text   |
| Grün erkannt  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sor-tierstation [FB2]\Netzwerk 6\Netzwerktitel      |
| Grundstellung   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine \Pick_n_Place_Rueckw [FB95]\Netzwerk 30\Netzwerktitel     |
| Grüne nach Links, die Blaue - geradeaus   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sor-tierstation [FB2]\Netzwerk 12\Netzwerkkommentar |
| Grünes Teil ist erkannt   | Bausteincommentar                | Teil_G  |
| Hauptschalter 0-Aus, 1-Ein  | Textkategorie Variablencommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Betriebsart [35]\SO_HSIKommentar                              |
| Hier ist noch Optimierungspotenzial da, was die eingehende Freigabe für das Band angeht, jetzt das Band darf das nächste Ladestück auf-nehmen, sobald die beide nach der Weiche stehende Bänder auch leer sind, eigentlich das sollte nach Freilassung der Weiche schon sein. | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sor-tierstation [FB2]\Netzwerk 1\Netzwerkkommentar  |
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| Hier werden die Kisten dauernd erzeugt sobald das erste Band frei ist und abwechselnd markiert für die nähere und ferne Ladestation | Bausteinkommentar        | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04_Kommisionierung [FC1]\Netzwerk 1\Netzwerkkommentar   |
| Hier wird der Status (beladen/leer) jeder Kiste gespeichert zwischen beined Ladestationen   | Bausteinkommentar        | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04_Kommisionierung [FC1]\Netzwerk 3\Netzwerkkommentar   |
| Hier wird der Stopper gesteuert   | Bausteinkommentar        | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 2\Netzwerkkommentar      |
| Hier wird der Stopper gesteuert   | Bausteinkommentar        | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 6\Netzwerkkommentar      |
| Information   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 301\Text  |
| Information   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 302\Text  |
| Information   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 303\Text  |
| Information   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 304\Text  |
| Information   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 305\Text  |
| Information   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 306\Text  |
| Information   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 307\Text  |
| Information   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 308\Text  |
| Information   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 309\Text  |
| Information   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 310\Text  |
| Instansdatenbaustein  | Bausteinkommentar        | TB_General_01_DB  |
| Instansdatenbaustein  | Bausteinkommentar        | TB_General_04_DB  |
| Instansdatenbaustein  | Bausteinkommentar        | TB_General_02_DB  |
| Instansdatenbaustein  | Bausteinkommentar        | TB_General_03_DB  |
| Instansdatenbaustein  | Bausteinkommentar        | TB_GNRL_02_DB   |
| Instansdatenbaustein  | Bausteinkommentar        | TB_GNRL_03_DB   |
| Instansdatenbaustein  | Bausteinkommentar        | TB_GNRL_04_DB   |
| Instansdatenbaustein  | Bausteinkommentar        | TB_GNRL_01_DB   |
| ist =1 für ein Zyklus   | Bausteinkommentar        | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sortierstation [FB2]\Netzwerk 5\Netzwerkkommentar |
| Kategorie 4   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 401\Text  |
| Kategorie 4   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 402\Text  |
| Kategorie 4   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 403\Text  |
| Kategorie 4   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 404\Text  |
| Kategorie 4   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 405\Text  |
| Kategorie 4   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 406\Text  |
| Kategorie 4   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 407\Text  |
| Kategorie 4   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 408\Text  |
| Kategorie 4   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 409\Text  |
| Kategorie 4   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 410\Text  |
| Kategorie 5   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 501\Text  |
| Kategorie 5   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 502\Text  |
| Kategorie 5   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 503\Text  |
| Kategorie 5   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 504\Text  |
| Kategorie 5   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 505\Text  |
| Kategorie 5   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 506\Text  |
| Kategorie 5   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 507\Text  |
| Kategorie 5   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 508\Text  |
| Kategorie 5   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 509\Text  |
| Kategorie 5   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 510\Text  |
| Kategorie 6   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 601\Text  |
| Kategorie 6   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 602\Text  |
| Kategorie 6   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 603\Text  |
| Kategorie 6   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 604\Text  |
| Kategorie 6   | Kategorie für Textlisten | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 605\Text  |
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| Kategorie 6  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 606\Text                                      |
| Kategorie 6  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 607\Text                                      |
| Kategorie 6  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 608\Text                                      |
| Kategorie 6  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 609\Text                                      |
| Kategorie 6  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 610\Text                                      |
| Kategorie 7  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 701\Text                                      |
| Kategorie 7  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 702\Text                                      |
| Kategorie 7  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 703\Text                                      |
| Kategorie 7  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 704\Text                                      |
| Kategorie 7  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 705\Text                                      |
| Kategorie 7  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 706\Text                                      |
| Kategorie 7  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 707\Text                                      |
| Kategorie 7  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 708\Text                                      |
| Kategorie 7  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 709\Text                                      |
| Kategorie 7  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 710\Text                                      |
| Kategorie 8  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 801\Text                                      |
| Kategorie 8  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 802\Text                                      |
| Kategorie 8  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 803\Text                                      |
| Kategorie 8  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 804\Text                                      |
| Kategorie 8  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 805\Text                                      |
| Kategorie 8  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 806\Text                                      |
| Kategorie 8  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 807\Text                                      |
| Kategorie 8  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 808\Text                                      |
| Kategorie 8  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 809\Text                                      |
| Kategorie 8  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 810\Text                                      |
| Kiste beladen auf drittem Band   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-02 Kistengedaechnis [FB3]\Netzwerk 2\Netzwerktitel |
| Kiste beladen auf viertem Band   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-02 Kistengedaechnis [FB3]\Netzwerk 3\Netzwerktitel |
| Kiste beladen auf zweitem Band   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-02 Kistengedaechnis [FB3]\Netzwerk 1\Netzwerktitel |
| Kiste erzeugen   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-00 Kistenerzeugung [FB4]\Netzwerk 2\Netzwerktitel  |
| Kiste ist für ferne Ladestation markiert                                   | Bausteinkommentar                | Kiste_Fern  |
| Kiste ist für nähere Ladestation markiert                                  | Bausteinkommentar                | Kiste_Nah   |
| Kistenerzeugung von 2 Arten: NAH und FENR                                  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-00 Kistenerzeugung [FB4]\Bausteintitel             |
| Meldesäule Gelb  | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Betriebsart [35]\P2_MS_GE\Kommentar                       |
| Meldesäule Grün  | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Betriebsart [35]\P3_MS_GN\Kommentar                       |
| Meldesäule Rot   | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Betriebsart [35]\P1_MS_RT\Kommentar                       |
| Merker Immer_TRUE initialisieren   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Main [OB1]\Netzwerk 1\Netzwerktitel                   |
| Merker Kiste beladen für das dritte Band                                   | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\KW_Variablen [11]\M_BND3_KB\Kommentar                     |
| Merker Kiste beladen für das vierte Band                                   | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\KW_Variablen [11]\M_BND4_KB\Kommentar                     |
| Merker Kiste beladen für das zweite Band                                   | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\KW_Variablen [11]\M_BND2_KB\Kommentar                     |
| Merker, das Signal die ferne Ladestation zu aktivieren                     | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\KW_Variablen [11]\M_Beladen_Fern\Kommentar                |
| Merker, das Signal die nähe Ladestation zu aktivieren                      | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\KW_Variablen [11]\M_Beladen_Nah\Kommentar                 |
| Merker, das Signal, dass das laden bei der fernen Ladestation beendet ist  | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\KW_Variablen [11]\M_Abfuhr_Fern\Kommentar                 |
| Merker, das Signal, dass das laden bei der näheren Ladestation beendet ist | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\KW_Variablen [11]\M_Abfuhr_Nah\Kommentar                  |
| Merker, der immer FALSE ist  | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\KW_Variablen [11]\M_False\Kommentar                       |
| Merker, der immer TRUE ist   | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\KW_Variablen [11]\M_True\Kommentar                        |
| Merker, Freigabe Nummer 1  | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\KW_Variablen [11]\M_FRG_N1\Kommentar                      |
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| Merker, Freigabe Nummer 2  | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\KW_Variablen [11]\M_FRG_N2\Kommentar                         |
| Motor EIN/AUS  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Foerderband_NC-NC [FB5]\Netzwerk 4\Netzwerktitel         |
| Motorsperre, aktiv =1  | Bausteinkommentar                | Sperre   |
| Motorsteuerung   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\TB_General [FB20]\Netzwerk 8\Netzwerktitel               |
| Movement Reset   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\TB_General [FB20]\Netzwerk 6\Netzwerktitel               |
| Movement Set   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\TB_General [FB20]\Netzwerk 5\Netzwerktitel               |
| NA   | Meldeklassentext                 | 04_Kommisionierung_2018-10-11\No Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName                                       |
| NA   | Meldeklassentext                 | 04_Kommisionierung_2018-10-11\No Acknowledgement\ShortName   |
| Nach Schrittkettenprinzip programmiert, aber Scritt Nummer 0 (Initialschritt) ist nicht optimal gelöst, die reifolge der Netzwerke, die die Schritte darstellen solten lieber in ungekehrter Reifolge, erstmal die Letzte und dann die erste Schritte. | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine \Pick_n_Place_Rueckw [FB95]\Bausteinkommentar            |
| Naher Stopper aktivieren   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Main [OB1]\Netzwerk 4\Netzwerktitel                      |
| Nahes Zuliefererband   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Main [OB1]\Netzwerk 3\Netzwerktitel                      |
| Netwerk, welhes directt den Motor steuert  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\TB_General [FB20]\Netzwerk 8\Netzwerkcommentar           |
| Not-Halt NC  | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Betriebsart [35]\S1_Not_Halt\Kommentar                       |
| Operand  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 101\Text  |
| Operand  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 201\Text  |
| Operand  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 301\Text  |
| Operand  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 401\Text  |
| Operand  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 501\Text  |
| Operand  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 601\Text  |
| Operand  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 701\Text  |
| Operand  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 801\Text  |
| Position   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 105\Text  |
| Position   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 205\Text  |
| Position   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 305\Text  |
| Position   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 405\Text  |
| Position   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 505\Text  |
| Position   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 605\Text  |
| Position   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 705\Text  |
| Position   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 805\Text  |
| Provisorische Variable   | Bausteinkommentar                | FRG_OUT_Temp   |
| Provisorische Variable   | Bausteinkommentar                | FRG_OUT_Temp   |
| Prüfen ob nützlich, fall nicht - entfernen   | Bausteinkommentar                | Uebergabe_1  |
| Prüfen ob nützlich, fall nicht - entfernen   | Bausteinkommentar                | Uebergabe_2  |
| Reaktion   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 103\Text  |
| Reaktion   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 203\Text  |
| Reaktion   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 303\Text  |
| Reaktion   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 403\Text  |
| Reaktion   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 503\Text  |
| Reaktion   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 603\Text  |
| Reaktion   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 703\Text  |
| Reaktion   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 803\Text  |
| Rollen AUS   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sortierstation [FB2]\Netzwerk 11\Netzwerktitel     |
| Rollen EIN   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sortierstation [FB2]\Netzwerk 8\Netzwerktitel      |
| Rollen Richtung  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sortierstation [FB2]\Netzwerk 12\Netzwerktitel     |
| Rollensorter Antrieb ein   | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\RS5001_V\Kommentar                      |
| Rollensorter Steuerung links   | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\RS5001_links\Kommentar                  |
| Rollensorter Steuerung rechts  | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\RS5001_rechts\Kommentar                 |
| Rückmeldung Factory IO läuft   | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Betriebsart [35]\Factory_IO_RUN\Kommentar                    |
| Rücksetzt die Rollen und der Stopper der Wei-che   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sortierstation [FB2]\Netzwerk 11\Netzwerkcommentar |
| Rundumleuchte System   | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Betriebsart [35]\P12_Anfahrwarnung\Kommentar                 |
| Scschritt1 1/Flip-Flop   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine \Pick_n_Place_Rueckw [FB95]\Netzwerk 2\Netzwerktitel     |
| Schritt 1 / Handeln  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine \Pick_n_Place_Rueckw [FB95]\Netzwerk 3\Netzwerktitel     |
| Schritt 1/ Aus Grundstellung leer rueberfahren   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine \Pick_n_Place_Rueckw [FB95]\Netzwerk 1\Netzwerktitel     |
| Schritt 2 / Flip-Flop  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine \Pick_n_Place_Rueckw [FB95]\Netzwerk 5\Netzwerktitel     |
| Schritt 2 / leer runterfahren  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine \Pick_n_Place_Rueckw [FB95]\Netzwerk 4\Netzwerktitel     |
| Schritt 2 /Handeln   | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine \Pick_n_Place_Rueckw [FB95]\Netzwerk 6\Netzwerktitel     |
| Schritt 3 / Flip-Flop  | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine \Pick_n_Place_Rueckw [FB95]\Netzwerk 8\Netzwerktitel     |
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| Schritt 3 /Ansaugen   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 7\Netzwerktitel          |
| Schritt 3 /Handeln  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 9\Netzwerktitel          |
| Schritt 4 / Handeln   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 12\Netzwerktitel         |
| Schritt 4 / Mit TEIL hochfahren   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 10\Netzwerktitel         |
| Schritt 4 /Flip-Flop  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 11\Netzwerktitel         |
| Schritt 5 / Flip-Flop   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 14\Netzwerktitel         |
| Schritt 5 / Handeln   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 15\Netzwerktitel         |
| Schritt 5 / Mit TEIL zur Grundstellung waager-<br>echt  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 13\Netzwerktitel         |
| Schritt 6 /Handeln  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 18\Netzwerktitel         |
| Schritt 6 / Flip-flop   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 17\Netzwerktitel         |
| Schritt 6 / Mit TEIL runterfahren   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 16\Netzwerktitel         |
| Schritt 7 / Flip-flop   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 20\Netzwerktitel         |
| Schritt 7 / Handeln   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 21\Netzwerktitel         |
| Schritt 7 / TEIL loslassen  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 19\Netzwerktitel         |
| Schritt 8 / Flip-Flop   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 23\Netzwerktitel         |
| Schritt 8 / Handeln   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 24\Netzwerktitel         |
| Schritt 8 / leer zur Grundstellung (senkrecht)  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 22\Netzwerktitel         |
| Schritt 9 / Flip-Flop   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 26\Netzwerktitel         |
| Schritt 9 / Freilaß melden  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 25\Netzwerktitel         |
| Schritt 9 / Handeln   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 27\Netzwerktitel         |
| Schrittkettenprogramm für den ersten PAP  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04_Kommi-<br>sionierung [FC1]\Netzwerk 4\Netzwerkcommentar   |
| Schrittkettenprogramm für den zweiten PAP   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04_Kommi-<br>sionierung [FC1]\Netzwerk 5\Netzwerkcommentar   |
| Sechstes Band (geradeaus)   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sor-<br>tierstation [FB2]\Netzwerk 2\Netzwerktitel     |
| Sensor vorne, wo die Kiste erzeugt wird   | Bausteincommentar                | snsr_V   |
| Setzt die Rollen und der Stopper der Weiche   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sor-<br>tierstation [FB2]\Netzwerk 8\Netzwerkcommentar |
| Signal aus Flankenerkennung   | Bausteincommentar                | flk_Auswer_AH_P  |
| Signal aus Flankenerkennung   | Bausteincommentar                | flk_Auswer_BE_N  |
| Signal aus Flankenerkennung   | Bausteincommentar                | flk_erkenn_g   |
| Signal aus Flankenerkennung   | Bausteincommentar                | flk_erkenn_l   |
| Signal aus Flankenerkennung, dass das Band<br>mit Farbsensoren betreten wurde                                       | Bausteincommentar                | Eingegangen  |
| Signal das Band zu stoppen  | Bausteincommentar                | Brake_ON   |
| Signal das Stoppen zurückzunehmen   | Bausteincommentar                | Brake_OFF  |
| Signal um den Motor SOFORT AUSzuschalten  | Bausteincommentar                | MTP_Sperre   |
| Signal wird generiert, wenn das Ladestück den<br>hinteren Sensor verlässt.  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\TB_General<br>[FB20]\Netzwerk 1\Netzwerkcommentar            |
| Signal wird generiert, wenn das Ladestück den<br>vorderen Sensor beitritt.  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\TB_General<br>[FB20]\Netzwerk 2\Netzwerkcommentar            |
| Signal zum Starten  | Bausteincommentar                | Start  |
| Signal, dass Übergabemodus aktiv ist  | Bausteincommentar                | Uebergabe_Modus  |
| Signal, der auffordert die ferne Station die<br>Kiste zum Laden zu stoppen  | Bausteincommentar                | BLDN_Fern  |
| Signal, der auffordert die nähre Station die<br>Kiste zum Laden zu stoppen  | Bausteincommentar                | BLDN_Nah   |
| Sirene System   | Textkategorie Variablencommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Betriebsart<br>[35]\P13_Sirene\Kommentar                         |
| Sobald der erster Sensor (Lichtschrinke) betä-<br>tigt ist, gilt die Förderbahn als mit der Last<br>(Teil) beladen. | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Foerder-<br>band_NC-NC [FB5]\Netzwerk 1\Netzwerkcommentar    |
| Sobald die Betätigung des letzten Sensoren<br>beendet ist, gilt als nicht mehr beladen (frei).                      | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Foerder-<br>band_NC-NC [FB5]\Netzwerk 2\Netzwerkcommentar    |
| Sortierstation nach der Farbe, besteht aus 4<br>Teilen  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sor-<br>tierstation [FB2]\Bausteintitel                |
| Speichert den Vervendungszweck jeder Kiste<br>zwischen beiden Ladestationen   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-02 Kis-<br>tengedaechnis [FB3]\Bausteintitel              |
| Standardbeschaltung   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sor-<br>tierstation [FB2]\Netzwerk 2\Netzwerkcommentar |
| Standardbeschaltung   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sor-<br>tierstation [FB2]\Netzwerk 3\Netzwerkcommentar |
| Standardbeschaltung   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sor-<br>tierstation [FB2]\Netzwerk 4\Netzwerkcommentar |
| Standardbeschaltung   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-<br>Line [FB1]\Netzwerk 3\Netzwerkcommentar       |
| Standardbeschaltung   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-<br>Line [FB1]\Netzwerk 4\Netzwerkcommentar       |
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| Deutsch (Deutschland)  | Kategorie                        | Referenz  |
| Standardbeschaltung  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 5\Netzwerkcommentar    |
| Standardbeschaltung, Übergabe-Signal wird nicht benutzt, prüfen ob überhaupt nötig ist. statisch "0" | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 1\Netzwerkcommentar    |
| statisch "1"   | Textkategorie Variablencommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Betriebsart [35]\Log_0\Kommentar                          |
| Stop Control for the first LOAD-St   | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 7\Netzwerktitel        |
| Stop Control for the second LOAD-St  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 8\Netzwerktitel        |
| Stopper  | Textkategorie Variablencommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\STOP5001\Kommentar                   |
| Stopper  | Textkategorie Variablencommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\STOP5002\Kommentar                   |
| Stopper  | Textkategorie Variablencommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\STOP5003\Kommentar                   |
| Stopper  | Textkategorie Variablencommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\STOP5004\Kommentar                   |
| Stopper  | Textkategorie Variablencommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\STOP5005\Kommentar                   |
| Stromstoß-Schalter für NAH / FERN  | Bausteincommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-00 Kisten-erzeugung [FB4]\Netzwerk 3\Netzwerktitel |
| Subcategory 1  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 1\Text                                    |
| Subcategory 1  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 1\Text                                    |
| Subcategory 10   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 10\Text                                   |
| Subcategory 10   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 10\Text                                   |
| Subcategory 11   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 11\Text                                   |
| Subcategory 11   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 11\Text                                   |
| Subcategory 12   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 12\Text                                   |
| Subcategory 12   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 12\Text                                   |
| Subcategory 13   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 13\Text                                   |
| Subcategory 13   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 13\Text                                   |
| Subcategory 14   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 14\Text                                   |
| Subcategory 14   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 14\Text                                   |
| Subcategory 15   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 15\Text                                   |
| Subcategory 15   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 15\Text                                   |
| Subcategory 16   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 16\Text                                   |
| Subcategory 16   | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 16\Text                                   |
| Subcategory 2  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 2\Text                                    |
| Subcategory 2  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 2\Text                                    |
| Subcategory 3  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 3\Text                                    |
| Subcategory 3  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 3\Text                                    |
| Subcategory 4  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 4\Text                                    |
| Subcategory 4  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 4\Text                                    |
| Subcategory 5  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 5\Text                                    |
| Subcategory 5  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 5\Text                                    |
| Subcategory 6  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 6\Text                                    |
| Subcategory 6  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 6\Text                                    |
| Subcategory 7  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 7\Text                                    |
| Subcategory 7  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 7\Text                                    |
| Subcategory 8  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 8\Text                                    |
| Subcategory 8  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 8\Text                                    |
| Subcategory 9  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories1\Range 9\Text                                    |
| Subcategory 9  | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionSubCategories2\Range 9\Text                                    |
| Taktmerker 1 Hz  | Textkategorie Variablencommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Betriebsart [35]\Takt_1HZ\Kommentar                       |
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| Deutsch (Deutschland)                | Kategorie                        | Referenz   |
| Taster START NO                      | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Betriebsart [35]\S2_START\Kommentar                      |
| Taster STOP NC                       | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Betriebsart [35]\S3_STOP\Kommentar                       |
| Teil eingegangen                     | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-05 Sortierstation [FB2]\Netzwerk 5\Netzwerktitel  |
| Teil in Abholposition                | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5015_Teil_in_Pos\Kommentar         |
| Teil in Abholposition                | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5017_Teil_in_Pos\Kommentar         |
| Teil vom Emiiter vorhanden           | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5001_TB5001\Kommentar              |
| Teil vom Emitter generiert           | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5016_Teil_vorhanden\Kommentar      |
| Teil vom Emitter generiert           | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5018_Teil_vorhanden\Kommentar      |
| Textmeldung                          | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 107\Text  |
| Textmeldung                          | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 207\Text  |
| Textmeldung                          | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 307\Text  |
| Textmeldung                          | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 407\Text  |
| Textmeldung                          | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 507\Text  |
| Textmeldung                          | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 607\Text  |
| Textmeldung                          | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 707\Text  |
| Textmeldung                          | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 807\Text  |
| Transportband-Anfang                 | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5003_TB5002\Kommentar              |
| Transportband-Anfang                 | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5005_TB5003\Kommentar              |
| Transportband-Anfang                 | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5007_TB5004\Kommentar              |
| Transportband-Anfang                 | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5009_TB5005\Kommentar              |
| Transportband-Anfang                 | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5013_TB5006\Kommentar              |
| Transportband-Anfang                 | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5019_TB5009\Kommentar              |
| Transportband-Anfang                 | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5021_TB5010\Kommentar              |
| Transportband-Ende                   | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5002_TB5001\Kommentar              |
| Transportband-Ende                   | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5004_TB5002\Kommentar              |
| Transportband-Ende                   | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5006_TB5003\Kommentar              |
| Transportband-Ende                   | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5008_TB5004\Kommentar              |
| Transportband-Ende                   | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5010_TB5005\Kommentar              |
| Transportband-Ende                   | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5014_TB5006\Kommentar              |
| Transportband-Ende                   | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5020_TB5009\Kommentar              |
| Transportband-Ende                   | Textkategorie Variablenkommentar | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\PLC-Variablen\Kommisionierung [64]\B5022_TB5010\Kommentar              |
| Ubergabe Modus                       | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\TB_General [FB20]\Netzwerk 4\Netzwerktitel           |
| Ueberwachung der X-Bewegung          | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 28\Netzwerktitel |
| Ueberwachung der Z-Bewegung          | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\Pick_n_Place_Rueckw [FB95]\Netzwerk 29\Netzwerktitel |
| Verriegelung                         | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 102\Text  |
| Verriegelung                         | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 202\Text  |
| Verriegelung                         | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 302\Text  |
| Verriegelung                         | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 402\Text  |
| Verriegelung                         | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 502\Text  |
| Verriegelung                         | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 602\Text  |
| Verriegelung                         | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 702\Text  |
| Verriegelung                         | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionTypes\Range 802\Text  |
| Viertes Band (2nd LD-St)             | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 5\Netzwerktitel       |
| Viertes Band / Stopper               | Bausteinkommentar                | 04_Kommisionierung_2018-10-11\PLC_Bus [CPU 314C-2 DP]\Programmbausteine\04-01 Load-Line [FB1]\Netzwerk 6\Netzwerktitel       |
| Warnung                              | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 201\Text                                     |
| Warnung                              | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 202\Text                                     |
| Warnung                              | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 203\Text                                     |
| Warnung                              | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 204\Text                                     |
| Warnung                              | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 205\Text                                     |
| Warnung                              | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 206\Text                                     |
| Warnung                              | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 207\Text                                     |
| Warnung                              | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 208\Text                                     |
| Warnung                              | Kategorie für Textlisten         | 04_Kommisionierung_2018-10-11\SYSTEM_Global_ProDiag_SupervisionCategories\Range 209\Text                                     |
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