OB1 - <offline>

""

Name: Family:
Author: Version: 0.1
Block version: 2

Time stamp Code: 08/06/2025 04:35:16 PM Interface: 02/15/1996 04:51:12 PM

Lengths (block/logic/data): 00308 00186 00022

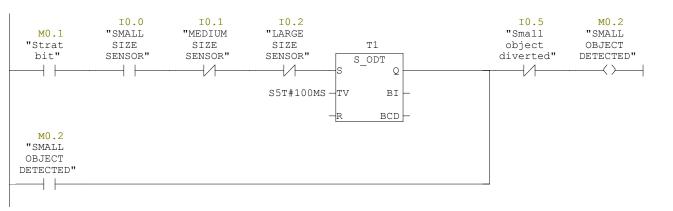
Name	Data Type	Address	Comment
TEMP		0.0	
OB1_EV_CLASS	Byte	0.0	Bits $0-3 = 1$ (Coming event), Bits $4-7 = 1$ (Event class 1)
OB1_SCAN_1	Byte	1.0	1 (Cold restart scan 1 of OB 1), 3 (Scan 2-n of OB 1)
OB1_PRIORITY	Byte	2.0	Priority of OB Execution
OB1_OB_NUMBR	Byte	3.0	1 (Organization block 1, OB1)
OB1_RESERVED_1	Byte	4.0	Reserved for system
OB1_RESERVED_2	Byte	5.0	Reserved for system
OB1_PREV_CYCLE	Int	6.0	Cycle time of previous OB1 scan (milliseconds)
OB1_MIN_CYCLE	Int	8.0	Minimum cycle time of OB1 (milliseconds)
OB1_MAX_CYCLE	Int	10.0	Maximum cycle time of OB1 (milliseconds)
OB1_DATE_TIME	Date_And_Time	12.0	Date and time OB1 started

Block: OB1 "Main Program Sweep (Cycle)"

```
Network: 1 START LOGIC OF CONVEYOR
```

```
MO.0 "Strat bit"
```

Network: 2 LOGIC TO DETECT SMALL SIZE OBJECT

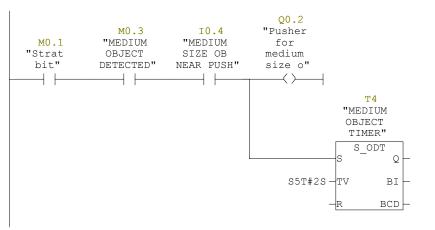


Network: 4

Network: 3 LOGIC TO DETECT MEDIUM SIZE OBJECT I0.1 I0.2 Т4 I0.0 M0.3 "SMALL M0.1 "MEDIUM "LARGE "MEDIUM "MEDIUM "Strat SIZE SIZE SIZE Т2 OBJECT OBJECT bit" SENSOR" SENSOR" SENSOR" TIMER" DETECTED" S ODT \leftarrow S5T#100MS -TV ΒI BCD -M0.3 "MEDIUM OBJECT DETECTED" 4 +

I0.0 I0.1 I0.2 Т5 M0.4 M0.1 "SMALL "MEDIUM "LARGE "LARGE "LARGE "Strat OBJECT SIZE Т2 OBJECT SIZE SIZE SENSOR" bit" SENSOR" SENSOR" TIMER" DETECTED" S ODT + \leftarrow \succ Q S5T#100MS -TV ΒI BCD -MO.4 "LARGE OBJECT DETECTED"

Network: 5 LOGIC TO DIVERT THE MEDIUM SIZE OBJECT



LOGIC TO DETECT LARGE SIZE OBJECT

Network: 6 LOGIC TO DIVERT THE LARGE SIZE OBJECT

```
I0.3
             M0.4
                                      Q0.1
           "LARGE
                        "LARGE
                                    "PUSHER
 M0.1
"Strat
           OBJECT
                       SIZEOBJECT
                                   FOR LARGE
           DETECTED"
 bit"
                        NEAR PU"
                                    SIZE OB"
                                                   Т5
                                                 "LARGE
                                                 OBJECT
                                                 TIMER"
                                                  S_ODT
                                        S5T#2S-TV
                                                       BI
                                                      BCD -
                                              -R
```