

Configuration Micro830

The detailed description of the configuration goes here

Resource Micro830

(* *)

Status: Readable, Modifiable, Deletable

The resource defines 45 variable(s).

Variable _IO_EM_DO_00

(* *)

Direction: VarDirectlyRepresented

Alias: Conveyor 1

Data type: BOOL

Attribute: Read/Write

Direct variable (Channel): %QX0.0.0

Variable _IO_EM_DO_01

(* *)

Direction: VarDirectlyRepresented

Alias: Conveyor 2

Data type: BOOL

Attribute: Read/Write

Direct variable (Channel): %QX0.0.1

Variable _IO_EM_DO_02

(* *)

Direction: VarDirectlyRepresented

Alias: Conveyor 3

Data type: BOOL

Attribute: Read/Write

Direct variable (Channel): %QX0.0.2

Variable _IO_EM_DO_03

(* *)

Direction: VarDirectlyRepresented

Alias: Conveyor 4

Data type: BOOL

Attribute: Read/Write

Direct variable (Channel): %QX0.0.3

Variable _IO_EM_DO_04

(* *)

Direction: VarDirectlyRepresented

Alias: Pusher 1 motor
Data type: BOOL
Attribute: Read/Write
Direct variable (Channel): %QX0.0.4

Variable _IO_EM_DO_05

(* *)
Direction: VarDirectlyRepresented
Alias: Pusher 1 direction
Data type: BOOL
Attribute: Read/Write
Direct variable (Channel): %QX0.0.5

Variable _IO_EM_DO_06

(* *)
Direction: VarDirectlyRepresented
Alias: Pusher 2 motor
Data type: BOOL
Attribute: Read/Write
Direct variable (Channel): %QX0.0.6

Variable _IO_EM_DO_07

(* *)
Direction: VarDirectlyRepresented
Alias: Pusher 2 direction
Data type: BOOL
Attribute: Read/Write
Direct variable (Channel): %QX0.0.7

Variable _IO_EM_DO_08

(* *)
Direction: VarDirectlyRepresented
Alias: Milling machine
Data type: BOOL
Attribute: Read/Write
Direct variable (Channel): %QX0.0.8

Variable _IO_EM_DO_09

(* *)
Direction: VarDirectlyRepresented
Alias: Drilling machine
Data type: BOOL
Attribute: Read/Write
Direct variable (Channel): %QX0.0.9

Variable _IO_EM_DI_00

(* *)

Direction: VarDirectlyRepresented
Alias: Sensor 1
Data type: BOOL
Attribute: Read
Direct variable (Channel): %IX0.1.0

Variable _IO_EM_DI_01

(* *)
Direction: VarDirectlyRepresented
Alias: Sensor 2
Data type: BOOL
Attribute: Read
Direct variable (Channel): %IX0.1.1

Variable _IO_EM_DI_02

(* *)
Direction: VarDirectlyRepresented
Alias: Sensor 3
Data type: BOOL
Attribute: Read
Direct variable (Channel): %IX0.1.2

Variable _IO_EM_DI_03

(* *)
Direction: VarDirectlyRepresented
Alias: Sensor 4
Data type: BOOL
Attribute: Read
Direct variable (Channel): %IX0.1.3

Variable _IO_EM_DI_04

(* *)
Direction: VarDirectlyRepresented
Alias: Sensor 5
Data type: BOOL
Attribute: Read
Direct variable (Channel): %IX0.1.4

Variable _IO_EM_DI_05

(* *)
Direction: VarDirectlyRepresented
Alias: Front limit Pusher 1
Data type: BOOL
Attribute: Read
Direct variable (Channel): %IX0.1.5

Variable _IO_EM_DI_06

(* *)

Direction: VarDirectlyRepresented

Alias: Rear limit Pusher 1

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.6

Variable _IO_EM_DI_07

(* *)

Direction: VarDirectlyRepresented

Alias: Front limit Pusher 2

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.7

Variable _IO_EM_DI_08

(* *)

Direction: VarDirectlyRepresented

Alias: Rear limit Pusher 2

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.8

Variable _IO_EM_DI_09

(* *)

Direction: VarDirectlyRepresented

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.9

Variable _IO_EM_DI_10

(* *)

Direction: VarDirectlyRepresented

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.10

Variable _IO_EM_DI_11

(* *)

Direction: VarDirectlyRepresented

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.11

Variable _IO_EM_DI_12

(* *)

Direction: VarDirectlyRepresented

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.12

Variable _IO_EM_DI_13

(* *)

Direction: VarDirectlyRepresented

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.13

Variable __SYSVA_CYCLECNT

(* Cycle counter *)

Direction: VarGlobal

Data type: DINT

Attribute: Read

Variable __SYSVA_CYCLEDATE

(* Timestamp of the beginning of the cycle in milliseconds (ms) *)

Direction: VarGlobal

Data type: TIME

Attribute: Read

Variable __SYSVA_KVBPERR

(* Kernel variable binding producing error (production error) *)

Direction: VarGlobal

Data type: BOOL

Attribute: Read

Variable __SYSVA_KVBCERR

(* Kernel variable binding consuming error (consumption error) *)

Direction: VarGlobal

Data type: BOOL

Attribute: Read/Write

Variable __SYSVA_RESNAME

(* Resource name (max length=255) *)

Direction: VarGlobal

Data type: STRING

Attribute: Read

Variable __SYSVA_SCANCNT

(* Input scan counter *)

Direction: VarGlobal

Data type: DINT

Attribute: Read

Variable __SYSVA_TCYCYCTIME

(* Programmed cycle time *)

Direction: VarGlobal

Data type: TIME

Attribute: Read/Write

Variable __SYSVA_TCYCURRENT

(* Current cycle time *)

Direction: VarGlobal

Data type: TIME

Attribute: Read

Variable __SYSVA_TCYMAXIMUM

(* Maximum cycle time since last start *)

Direction: VarGlobal

Data type: TIME

Attribute: Read

Variable __SYSVA_TCYOVERFLOW

(* Number of cycle overflows *)

Direction: VarGlobal

Data type: DINT

Attribute: Read

Variable __SYSVA_RESMODE

(* Resource execution mode *)

Direction: VarGlobal

Data type: SINT

Attribute: Read

Variable __SYSVA_CCEXEC

(* Execute one cycle when application is in cycle to cycle mode *)

Direction: VarGlobal

Data type: BOOL

Attribute: Read/Write

Variable __SYSVA_REMOTE

(* Remote status *)

Direction: VarGlobal

Data type: BOOL
Attribute: Read

Variable __SYSVA_SUSPEND_ID

(* Last Suspend ID *)
Direction: VarGlobal
Data type: UINT
Attribute: Read

Variable __SYSVA_TCYWDG

(* Software Watchdog *)
Direction: VarGlobal
Data type: UDINT
Attribute: Read/Write

Variable __SYSVA_MAJ_ERR_HALT

(* Major Error Halted status *)
Direction: VarGlobal
Data type: BOOL
Attribute: Read

Variable __SYSVA_ABORT_CYCLE

(* Aborting Cycle *)
Direction: VarGlobal
Data type: BOOL
Attribute: Read

Variable __SYSVA_FIRST_SCAN

(* First scan bit *)
Direction: VarGlobal
Data type: BOOL
Attribute: Read

Variable __SYSVA_USER_DATA_LOST

(* User data lost *)
Direction: VarGlobal
Data type: BOOL
Attribute: Read/Write

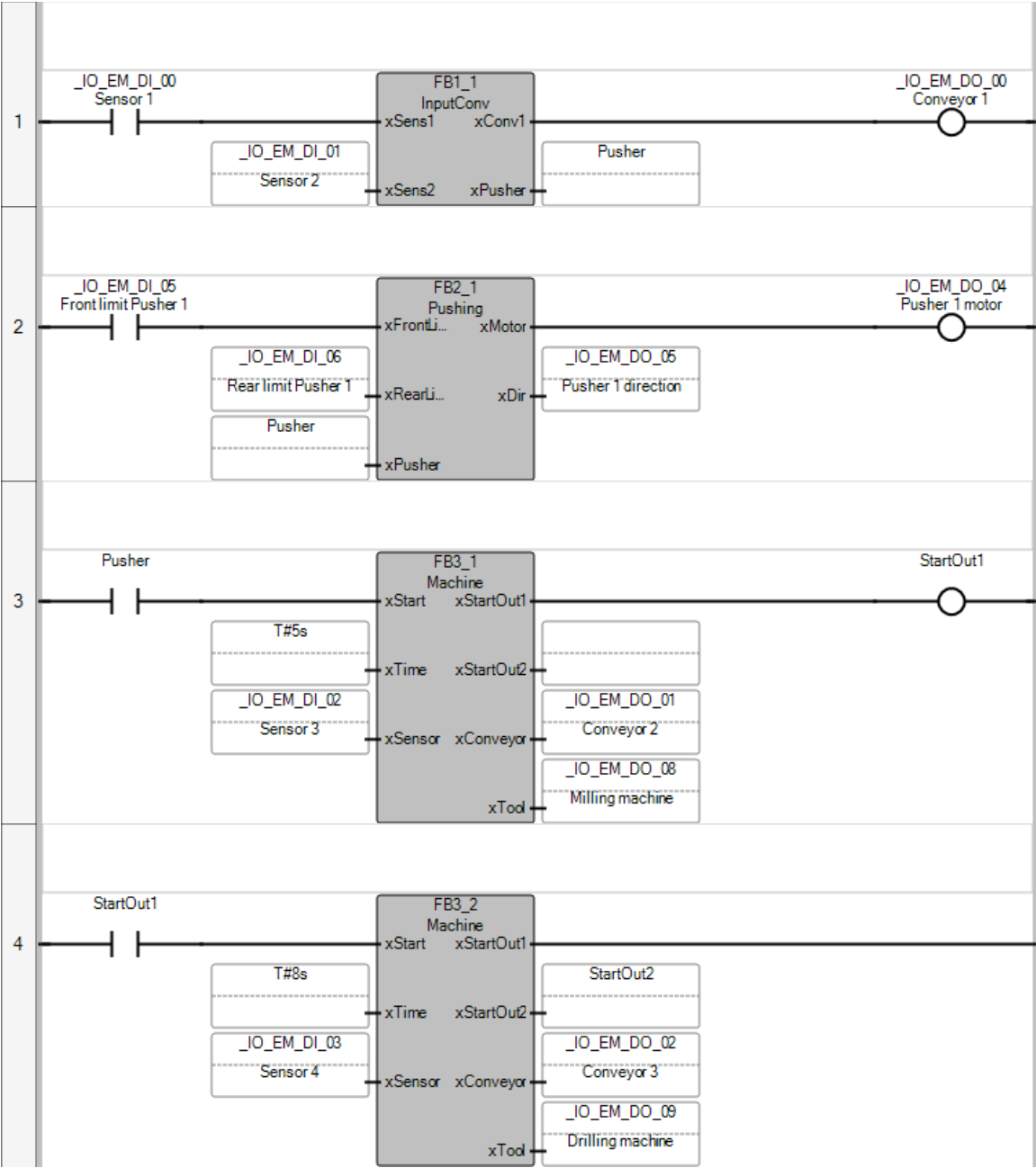
Variable __SYSVA_POWERUP_BIT

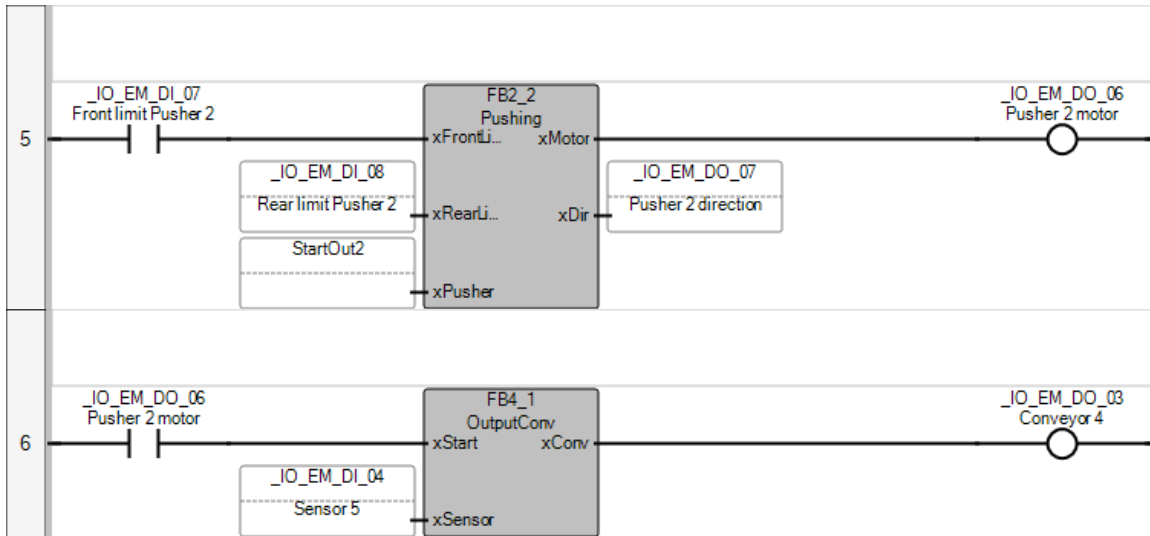
(* Power-up bit *)
Direction: VarGlobal
Data type: BOOL
Attribute: Read

Variable __SYSVA_PROJ_INCOMPLETE

(* Project Incomplete *)
Direction: VarGlobal
Data type: UDINT
Attribute: Read

Controller.Micro830.Micro830.Prog1





POU Prog1

The POU defines 9 variable(s).

Variable FB1_1

(* *)

Direction: Var
Data type: InputConv
Attribute: Read/Write

Variable FB2_1

(* *)

Direction: Var
Data type: Pushing
Attribute: Read/Write

Variable Pusher

(* *)

Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable FB3_1

(* *)

Direction: Var
Data type: Machine
Attribute: Read/Write

Variable StartOut1

(* *)

Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable FB3_2

(* *)
Direction: Var
Data type: Machine
Attribute: Read/Write

Variable StartOut2

(* *)
Direction: Var
Data type: BOOL
Attribute: Read/Write

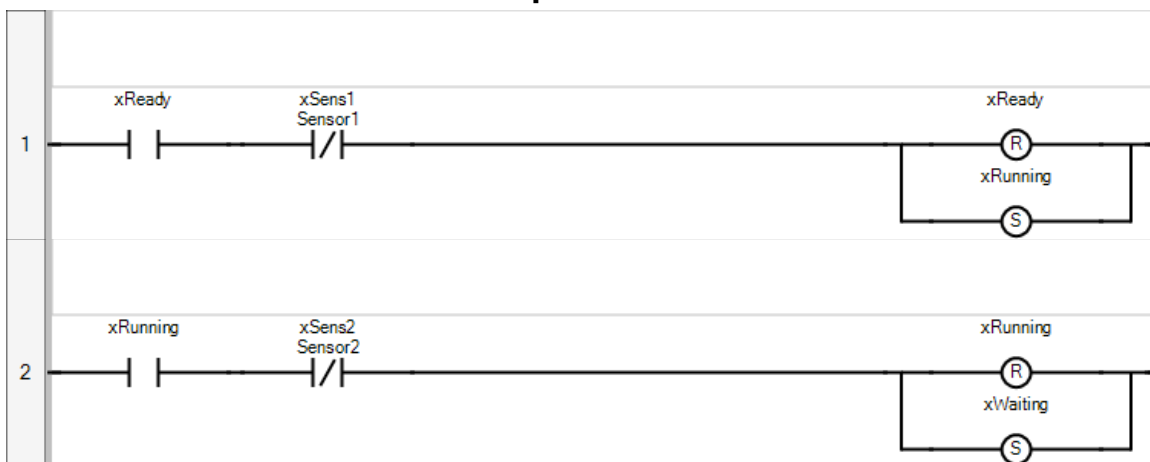
Variable FB2_2

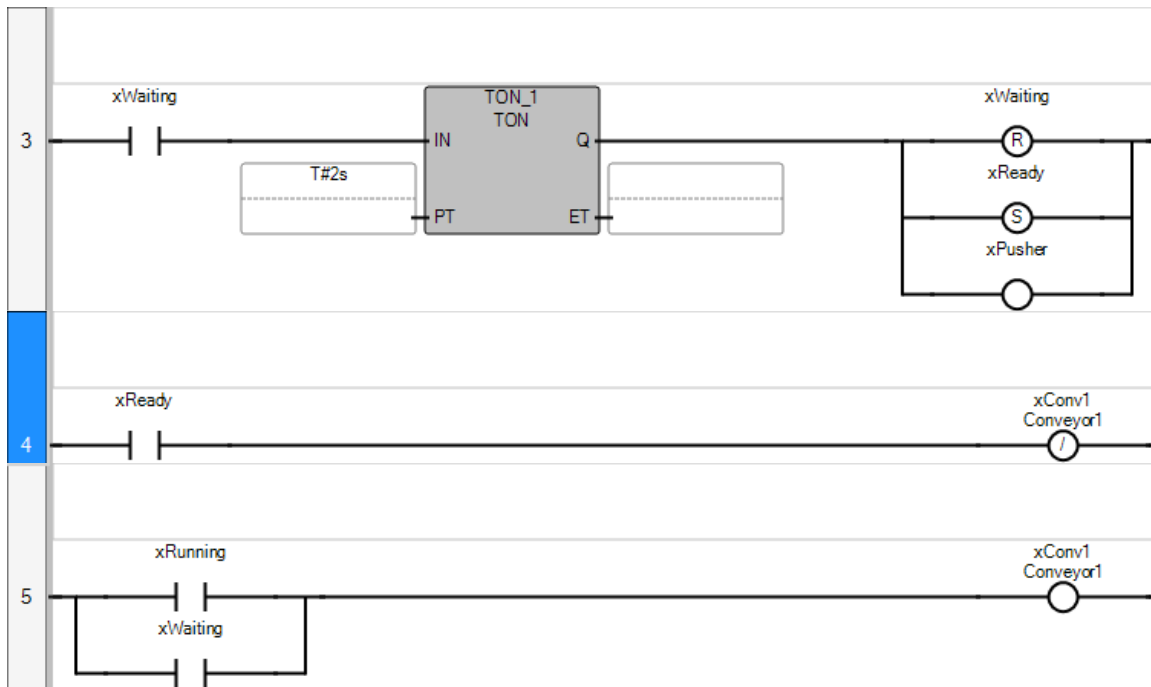
(* *)
Direction: Var
Data type: Pushing
Attribute: Read/Write

Variable FB4_1

(* *)
Direction: Var
Data type: OutputConv
Attribute: Read/Write

Controller.Micro830.Micro830.InputConv





POU InputConv

The POU defines 8 variable(s).

Variable xSens1

(* *)

Direction: VarInput
 Alias: Sensor1
 Data type: BOOL
 Attribute: Read

Variable xSens2

(* *)

Direction: VarInput
 Alias: Sensor2
 Data type: BOOL
 Attribute: Read

Variable xConv1

(* *)

Direction: VarOutput
 Alias: Conveyor1
 Data type: BOOL
 Attribute: Write

Variable xPusher

(* *)

Direction: VarOutput
Data type: BOOL
Attribute: Write

Variable xReady

(* *)
Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable xRunning

(* *)
Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable xWaiting

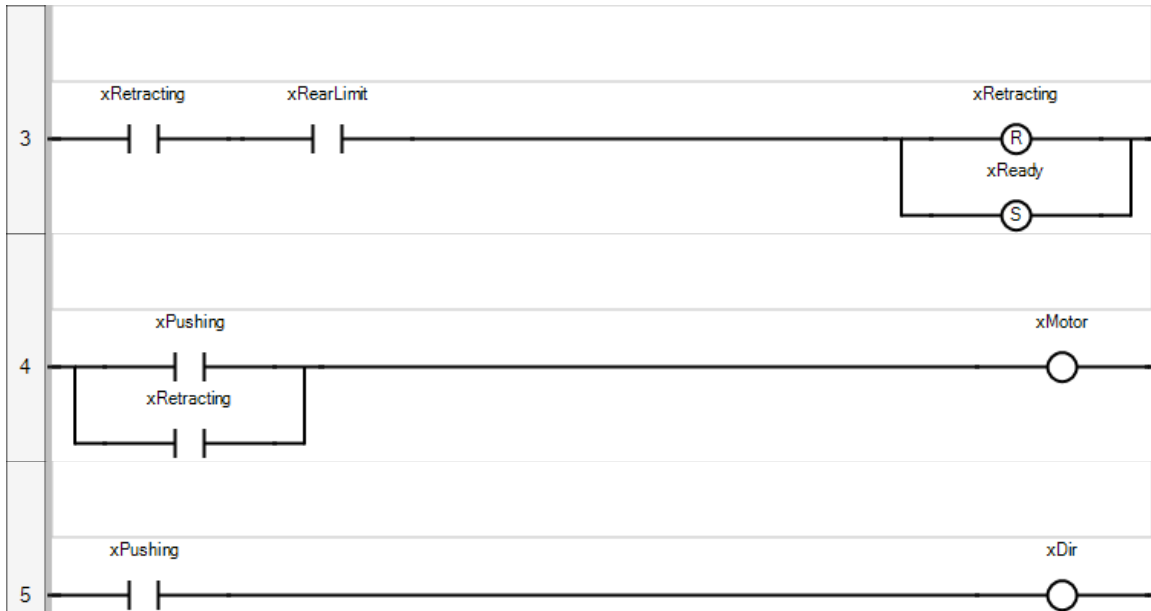
(* *)
Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable TON_1

(* *)
Direction: Var
Data type: TON
Attribute: Read/Write

Controller.Micro830.Micro830.Pushing





POU Pushing

The POU defines 8 variable(s).

Variable xFrontLimit

(* *)

Direction: VarInput

Data type: BOOL

Attribute: Read

Variable xRearLimit

(* *)

Direction: VarInput

Data type: BOOL

Attribute: Read

Variable xPusher

(* *)

Direction: VarInput

Data type: BOOL

Attribute: Read

Variable xMotor

(* *)

Direction: VarOutput

Data type: BOOL

Attribute: Write

Variable xDir

(* *)

Direction: VarOutput

Data type: BOOL

Attribute: Write

Variable xReady

(* *)

Direction: Var

Data type: BOOL

Attribute: Read/Write

Variable xPushing

(* *)

Direction: Var

Data type: BOOL

Attribute: Read/Write

Variable xRetracting

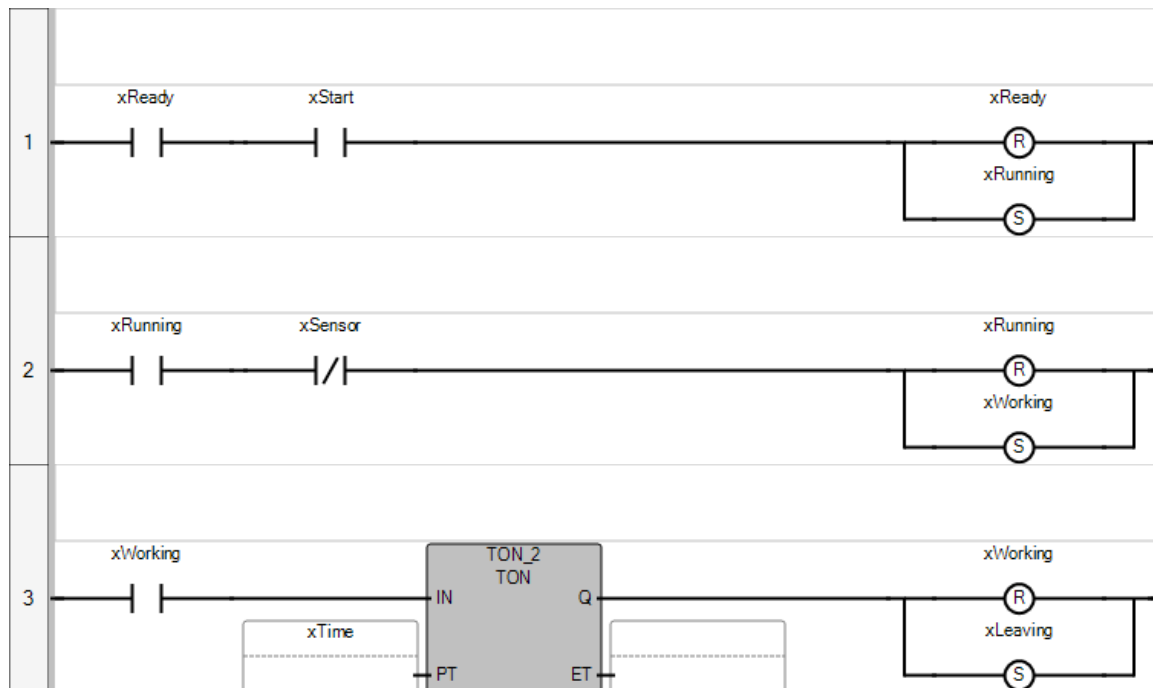
(* *)

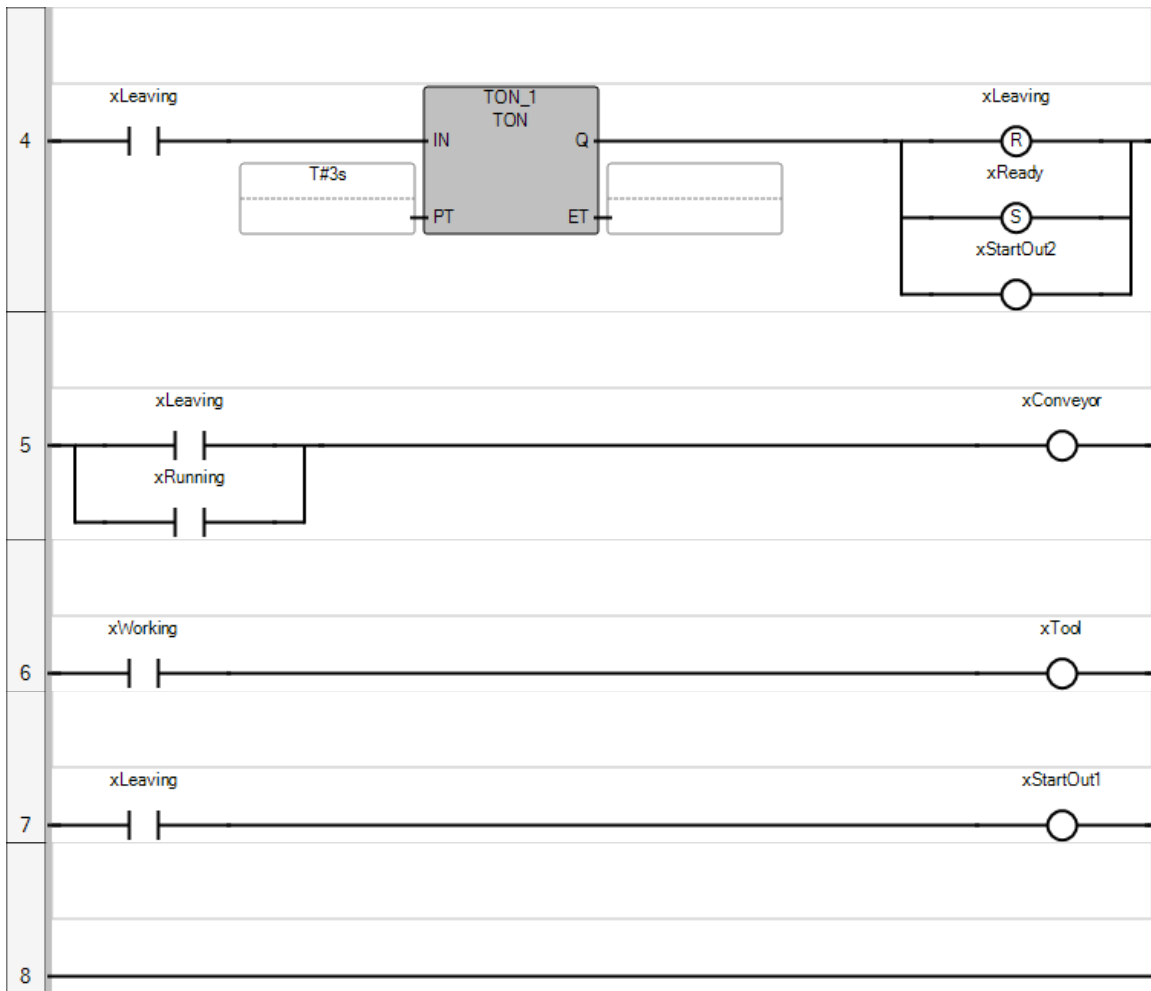
Direction: Var

Data type: BOOL

Attribute: Read/Write

Controller.Micro830.Micro830.Machine





POU Machine

The POU defines 13 variable(s).

Variable xStart

(* *)

Direction: VarInput
Data type: BOOL
Attribute: Read

Variable xTime

(* *)

Direction: VarInput
Data type: TIME
Attribute: Read

Variable xSensor

(* *)

Direction: VarInput

Data type: BOOL
Attribute: Read

Variable xStartOut1

(* *)
Direction: VarOutput
Data type: BOOL
Attribute: Write

Variable xStartOut2

(* *)
Direction: VarOutput
Data type: BOOL
Attribute: Write

Variable xConveyor

(* *)
Direction: VarOutput
Data type: BOOL
Attribute: Write

Variable xTool

(* *)
Direction: VarOutput
Data type: BOOL
Attribute: Write

Variable xReady

(* *)
Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable xRunning

(* *)
Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable xWorking

(* *)
Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable xLeaving

(* *)

Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable TON_1

(* *)

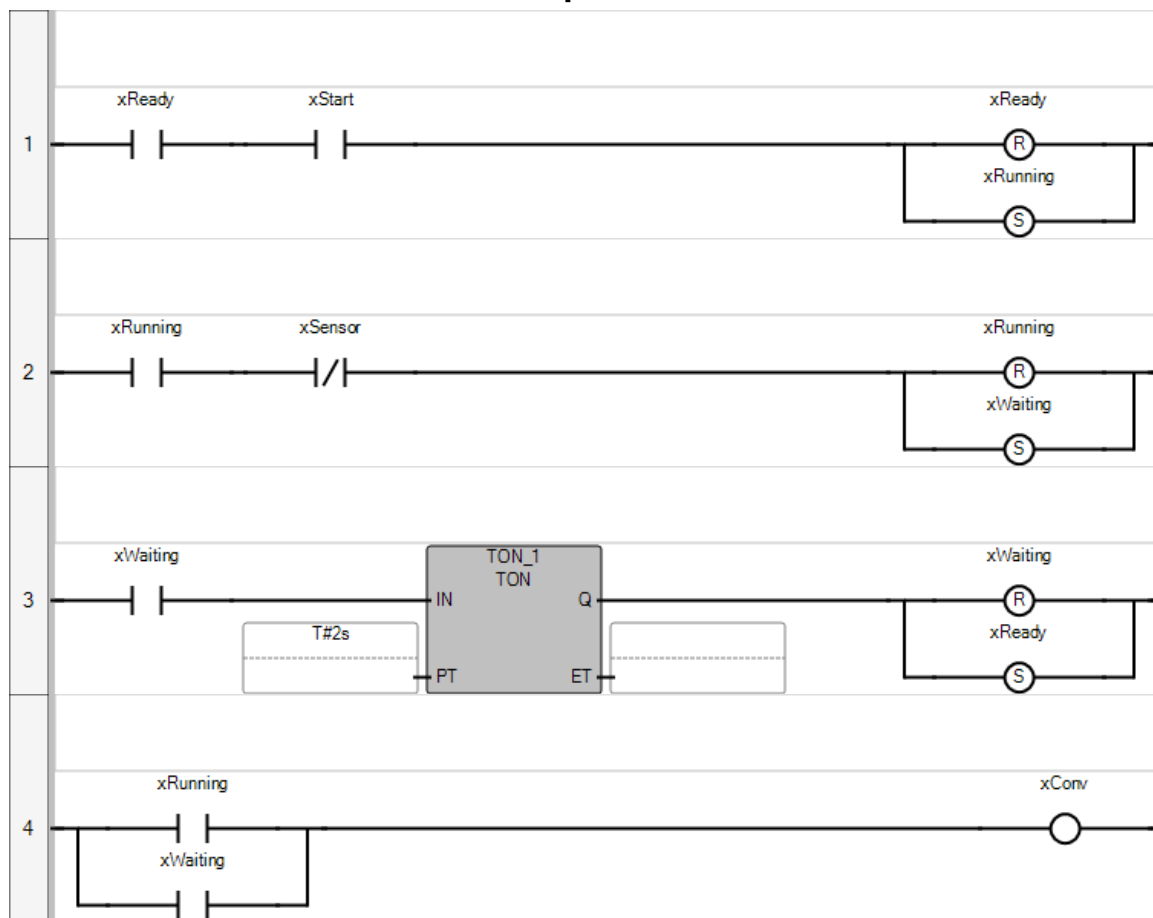
Direction: Var
Data type: TON
Attribute: Read/Write

Variable TON_2

(* *)

Direction: Var
Data type: TON
Attribute: Read/Write

Controller.Micro830.Micro830.OutputConv



POU OutputConv

The POU defines 7 variable(s).

Variable xStart

(* *)

Direction: VarInput
Data type: BOOL
Attribute: Read

Variable xSensor

(* *)

Direction: VarInput
Data type: BOOL
Attribute: Read

Variable xConv

(* *)

Direction: VarOutput
Data type: BOOL
Attribute: Write

Variable xReady

(* *)

Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable xRunning

(* *)

Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable xWaiting

(* *)

Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable TON_1

(* *)

Direction:	Var
Data type:	TON
Attribute:	Read/Write