

# TECHNICAL DOCUMENTATION

## SP7\_07

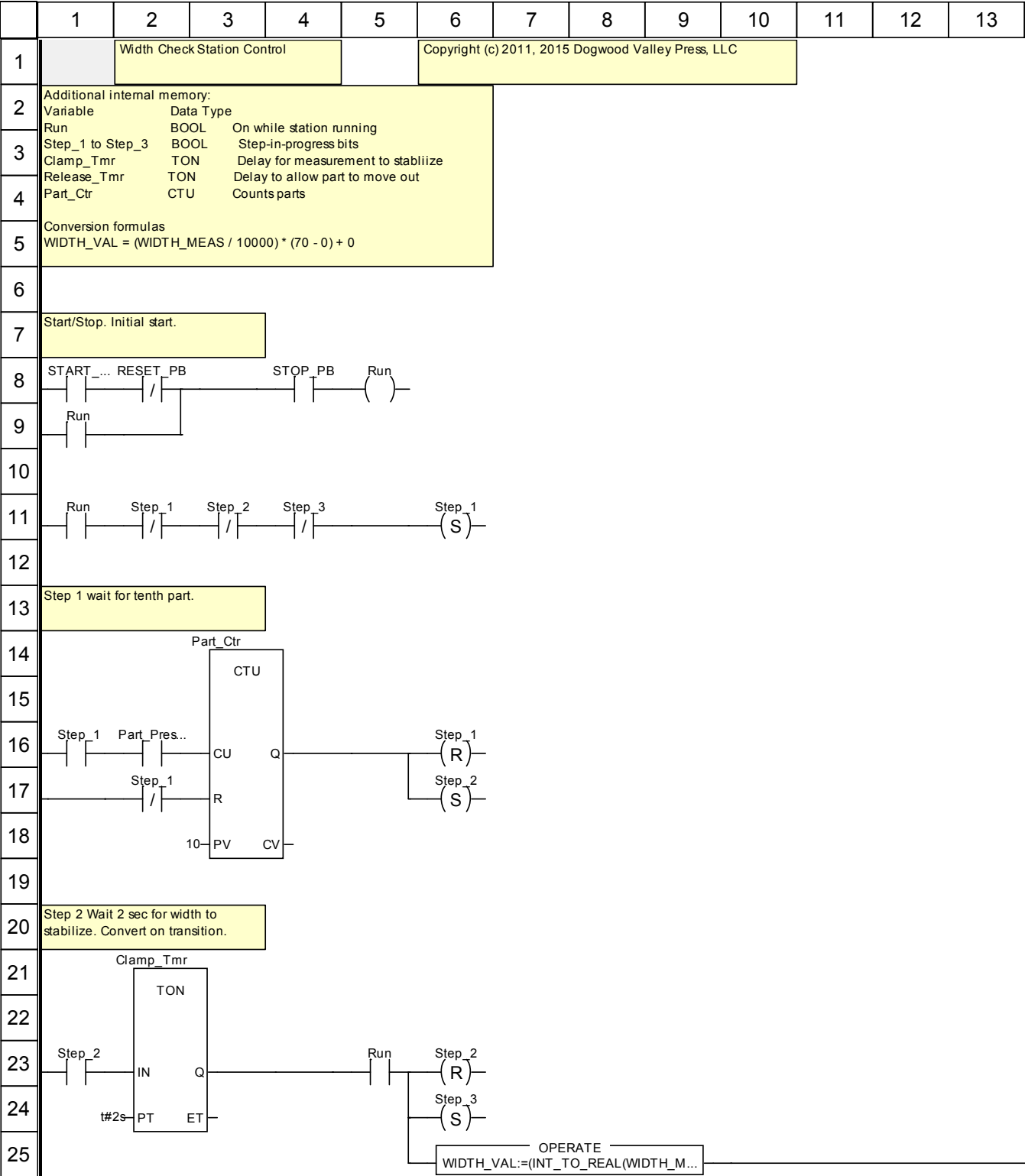
Project	SP7_07
Designer	
Application	sp7_07.stu
Software Version	Unity Pro L V10.0
Creation Date	4/12/2011 8:52:23 PM
Last Modification Date	12/23/2015 7:25:47 AM
Target PLC	BMX P34 1000 02.00CPU 340-10 Modbus

# MAST

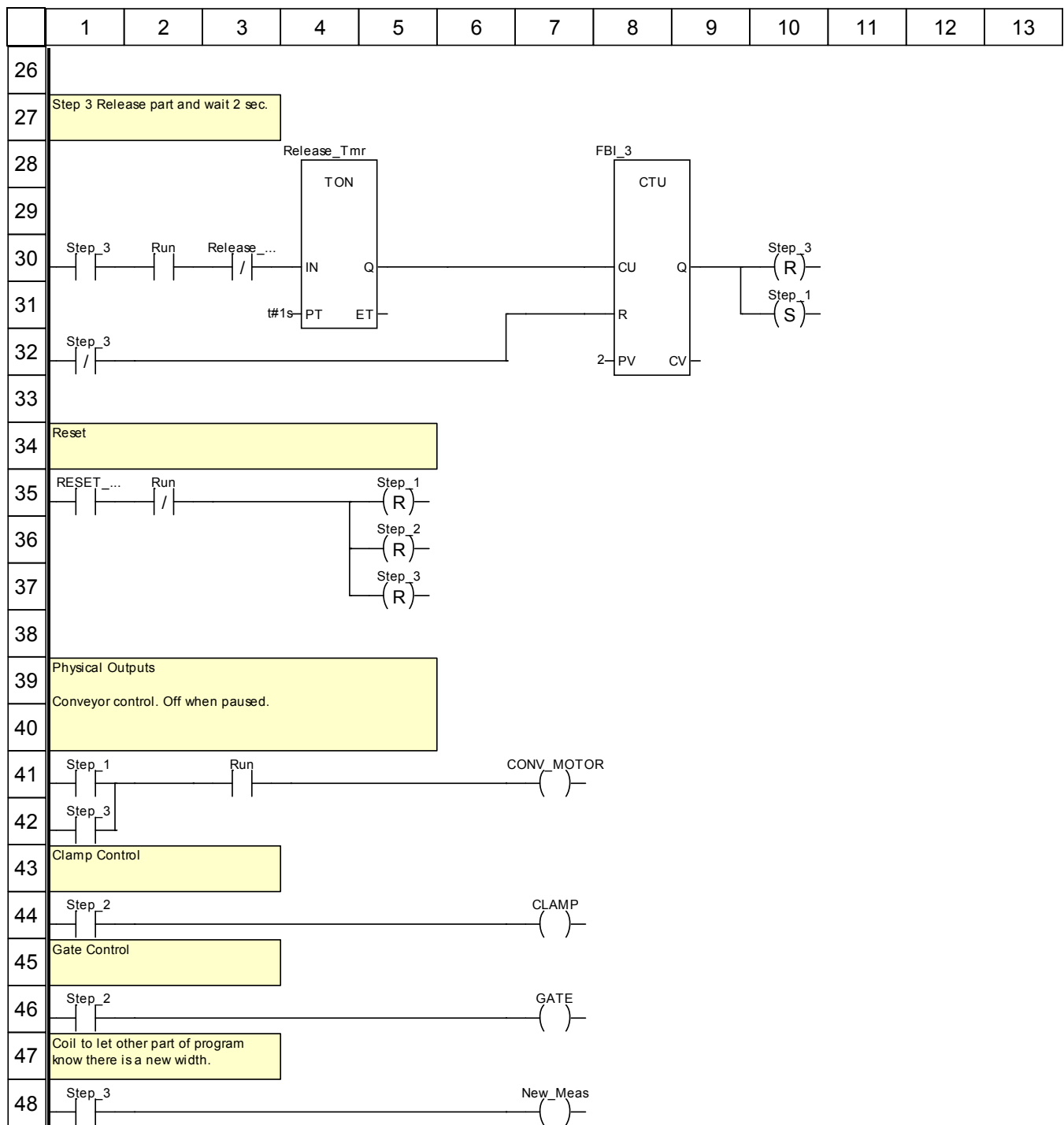
**Specific properties**

Configuration	Cyclic
Task period configuration	0
Watchdog time configuration	250

main : [MAST]



	14	15	16
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## Truncated labels:

Label	Position(s)
Part Present	(2, 16)
RESET_PB	(1, 35)
Release_Tmr.Q	(3, 30)
START_PB	(1, 8)
WIDTH_VAL:=(INT TO REAL(WIDTH_MEAS)/10000.0)*(70.0-0.0)+0.0;	(6, 25)

# Cross References

## Application:

### Addresses

Object	Referred into	Location	Usage
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### Variables or FB instances

Object	Referred into	Location	Usage
CLAMP	main : [MAST]	(I 44, c: 7)	W
CONV MOTOR	main : [MAST]	(I 41, c: 7)	W
Clamp_Tmr	main : [MAST]	(I 21, c: 2)	FC
		(I 21, c: 2)	R
		(I 21, c: 2)	R
FBI_3	main : [MAST]	(I 28, c: 8)	FC
		(I 28, c: 8)	R
		(I 28, c: 8)	R
		(I 28, c: 8)	R
GATE	main : [MAST]	(I 46, c: 7)	W
NEW_MEAS	main : [MAST]	(I 48, c: 7)	W
PART_PRESENT	main : [MAST]	(I 16, c: 2)	R
Part_Ctr	main : [MAST]	(I 14, c: 3)	FC
		(I 14, c: 3)	R
		(I 14, c: 3)	R
		(I 14, c: 3)	R
RESET_PB	main : [MAST]	(I 8, c: 2)	R
		(I 35, c: 1)	R
Release_Tmr	main : [MAST]	(I 30, c: 3)	R
		(I 28, c: 4)	FC
		(I 28, c: 4)	R
		(I 28, c: 4)	R
Run	main : [MAST]	(I 8, c: 5)	W
		(I 9, c: 1)	R
		(I 11, c: 1)	R
		(I 23, c: 5)	R
		(I 30, c: 2)	R
		(I 35, c: 2)	R
		(I 41, c: 3)	R
START_PB	main : [MAST]	(I 8, c: 1)	R
STOP_PB	main : [MAST]	(I 8, c: 4)	R
Step_1	main : [MAST]	(I 11, c: 2)	R
		(I 11, c: 6)	W
		(I 16, c: 1)	R
		(I 16, c: 6)	W
		(I 17, c: 2)	R
		(I 31, c: 10)	W
		(I 35, c: 5)	W
		(I 41, c: 1)	R
Step_2	main : [MAST]	(I 11, c: 3)	R
		(I 17, c: 6)	W
		(I 23, c: 1)	R
		(I 23, c: 6)	W
		(I 36, c: 5)	W
		(I 44, c: 1)	R

## Cross References

Object	Referred into	Location	Usage
		(l 46, c: 1)	R
Step_3	main : [MAST]	(l 11, c: 4)	R
		(l 24, c: 6)	W
		(l 30, c: 1)	R
		(l 30, c: 10)	W
		(l 32, c: 1)	R
		(l 37, c: 5)	W
		(l 42, c: 1)	R
		(l 48, c: 1)	R
WIDTH_MEAS	main : [MAST]	(l 25, c: 6)	R
WIDTH_VAL	main : [MAST]	(l 25, c: 6)	W

### EF objects

Object	Referred into	Location	Usage
int to real	main : [MAST]	(l 25, c: 6)	FC