

TECHNICAL DOCUMENTATION

SP7_16

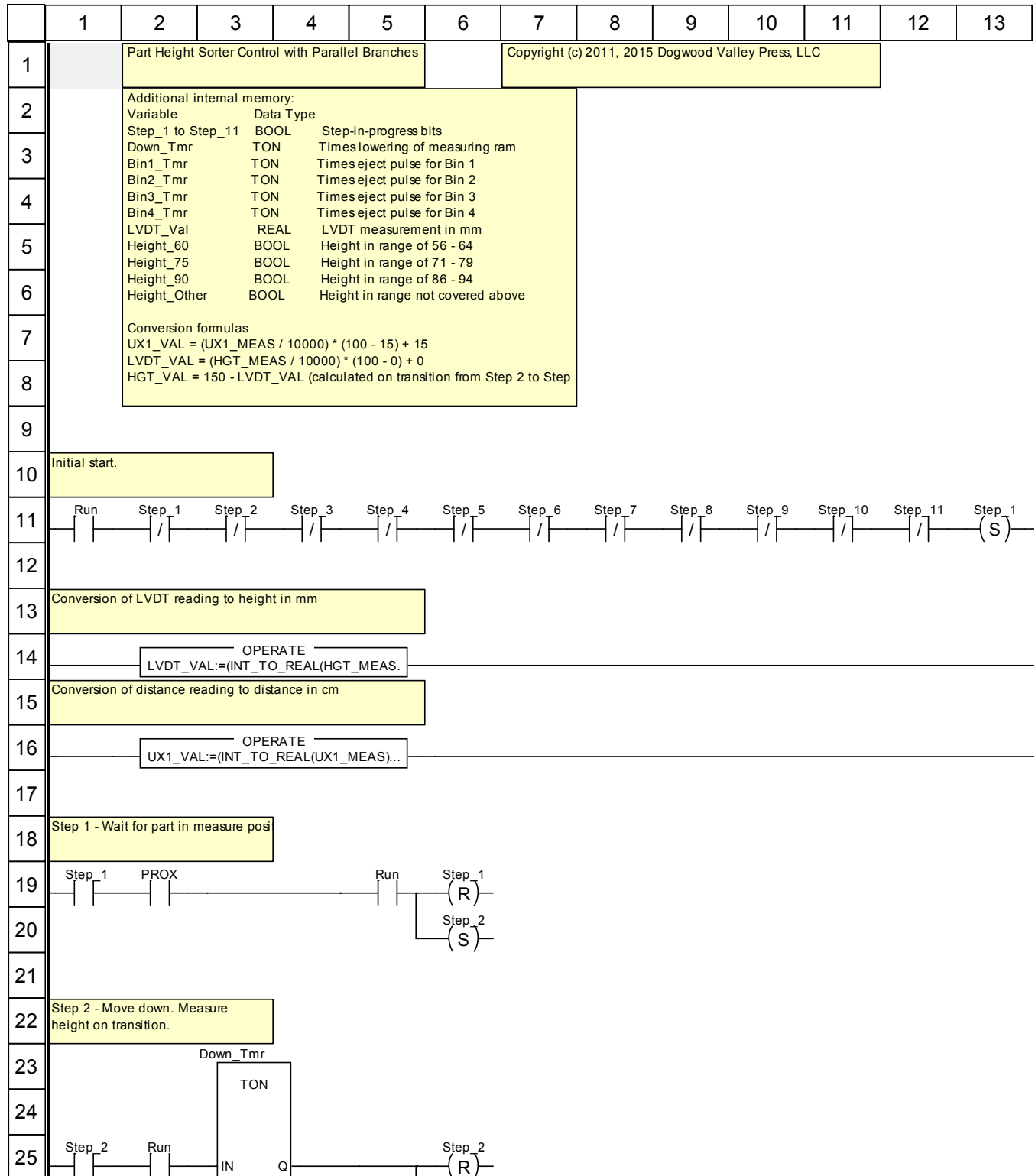
Project	SP7_16
Designer	
Application	sp7_16.stu
Software Version	Unity Pro L V10.0
Creation Date	4/12/2011 8:52:23 PM
Last Modification Date	12/26/2015 3:33:51 PM
Target PLC	BMX P34 1000 02.00CPU 340-10 Modbus

MAST

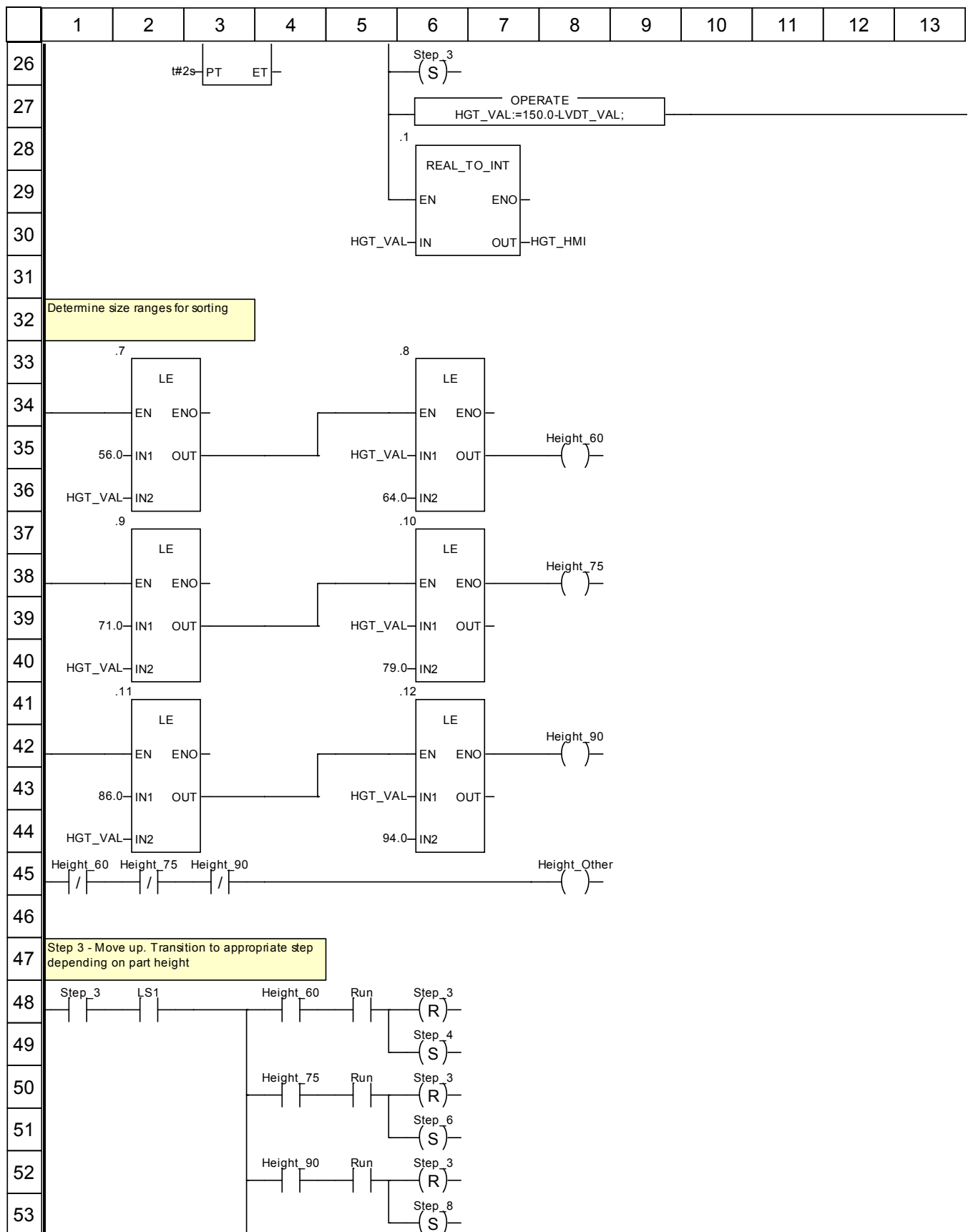
Specific properties

Configuration	Cyclic
Task period configuration	0
Watchdog time configuration	250

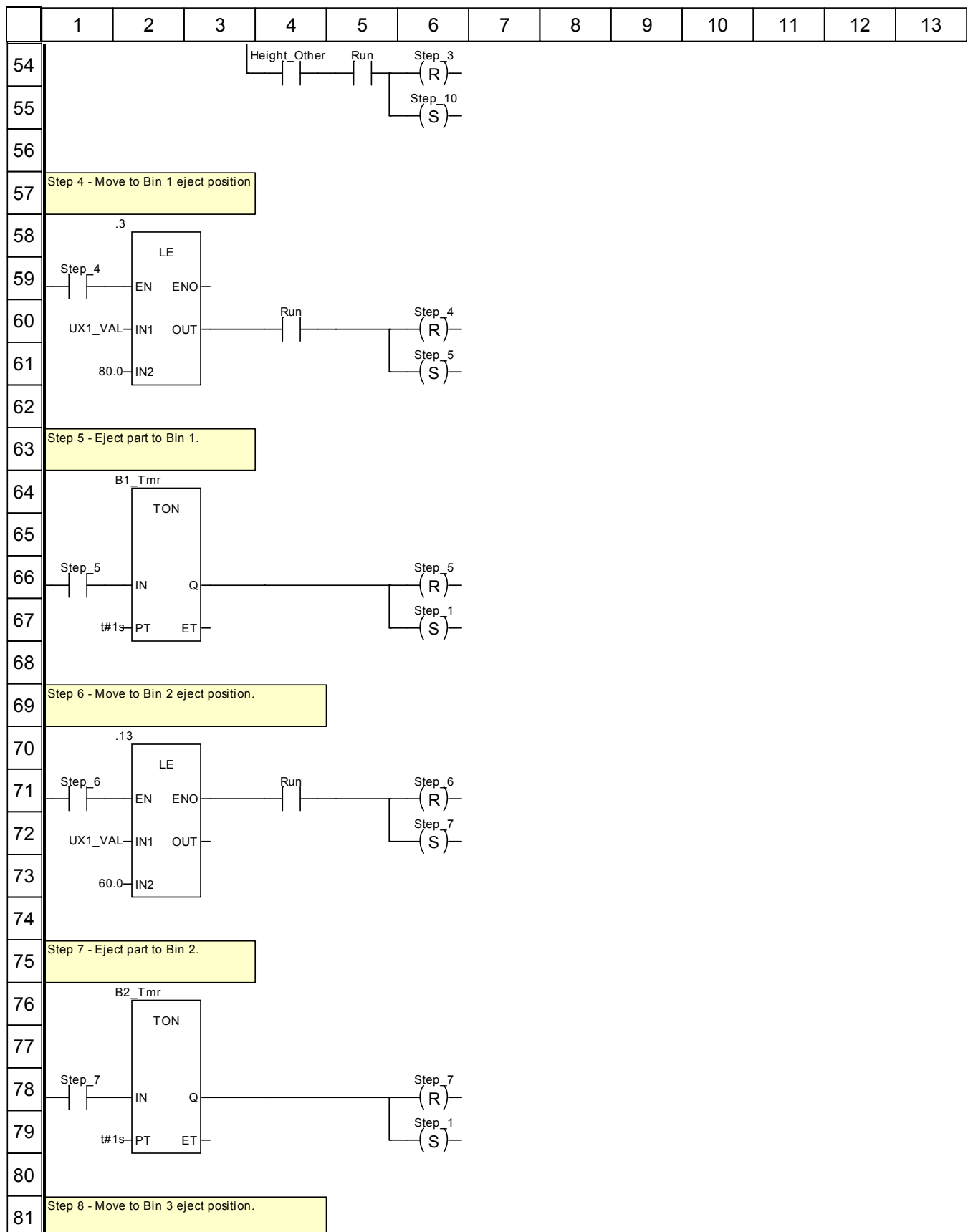
main : [MAST]



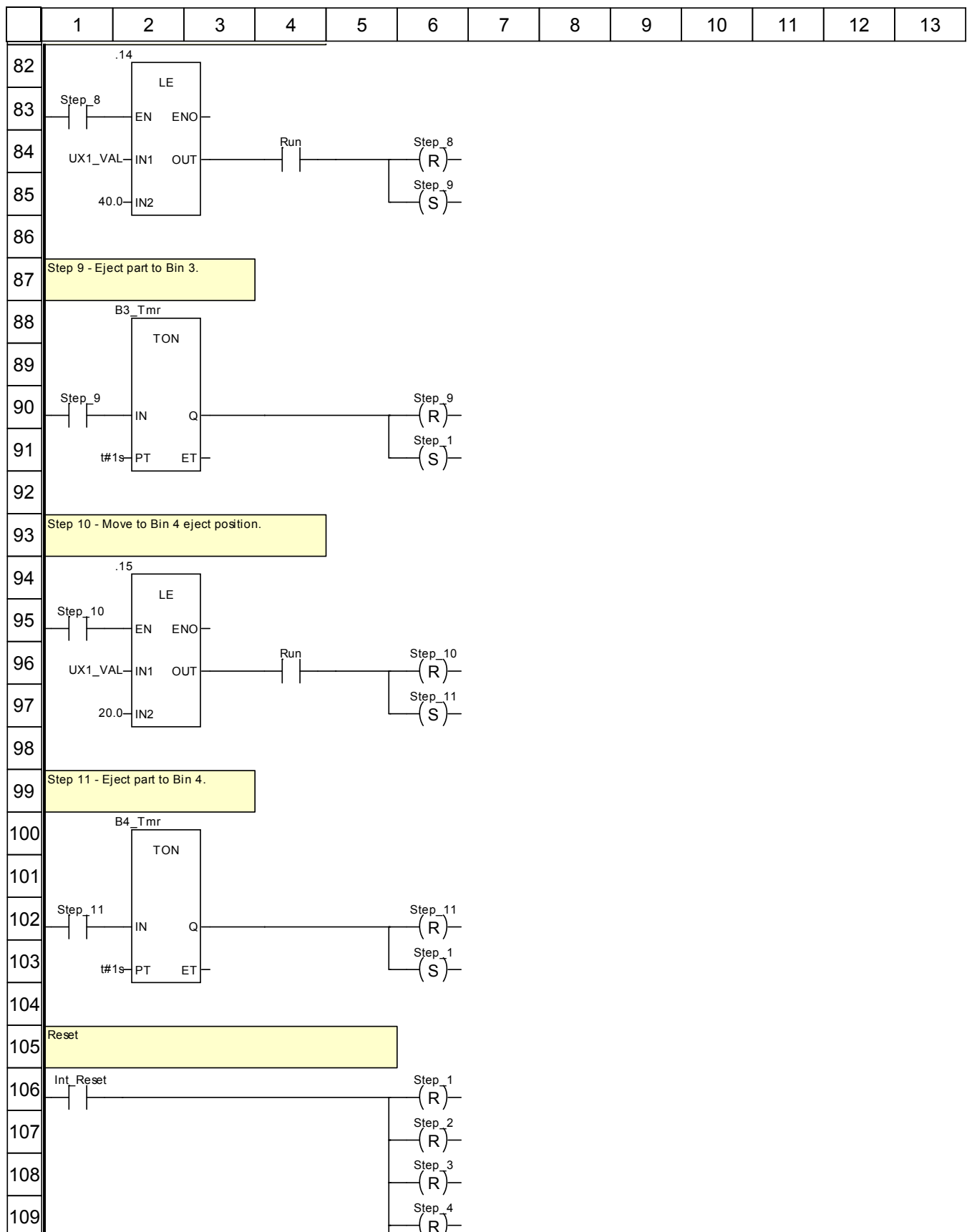
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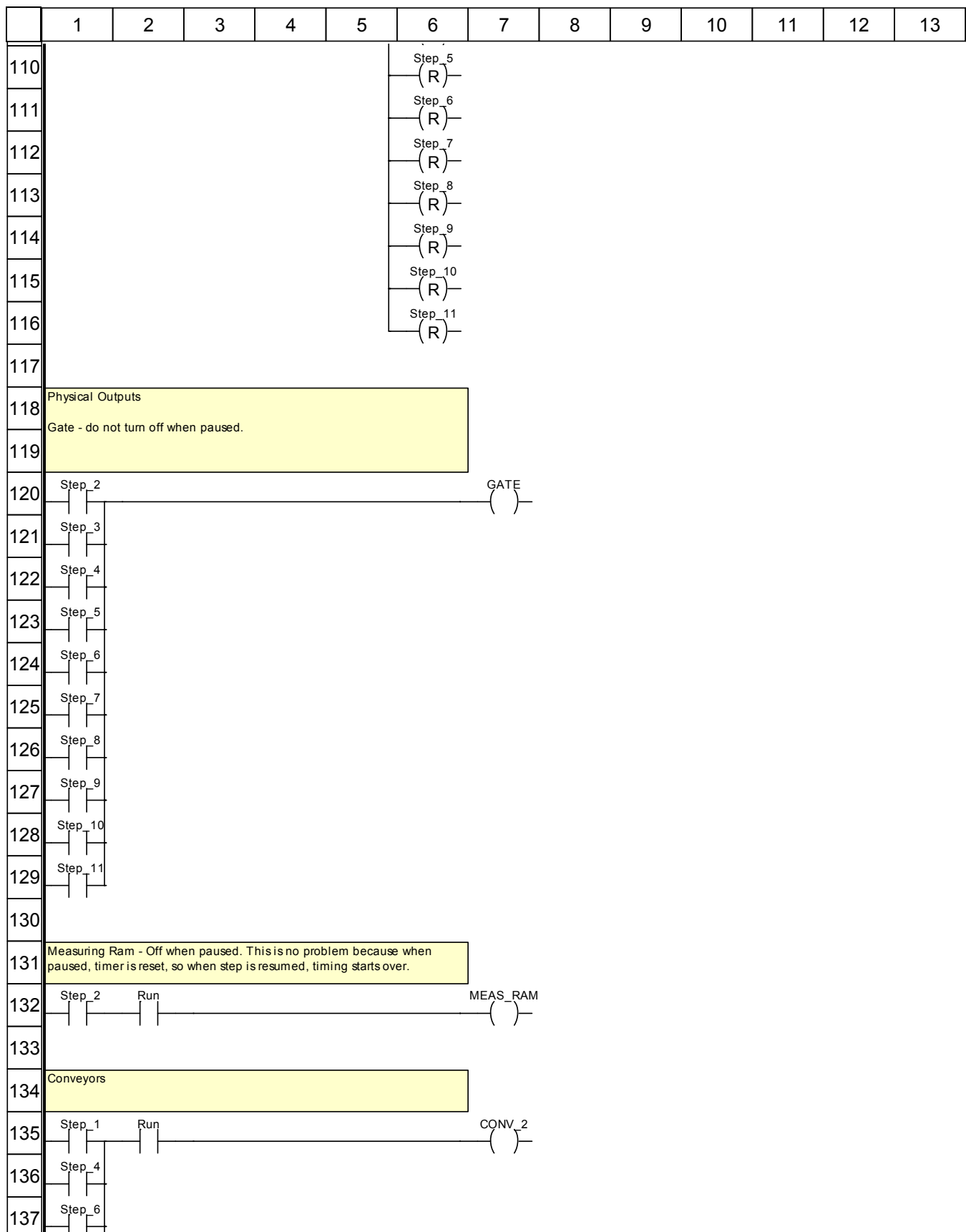
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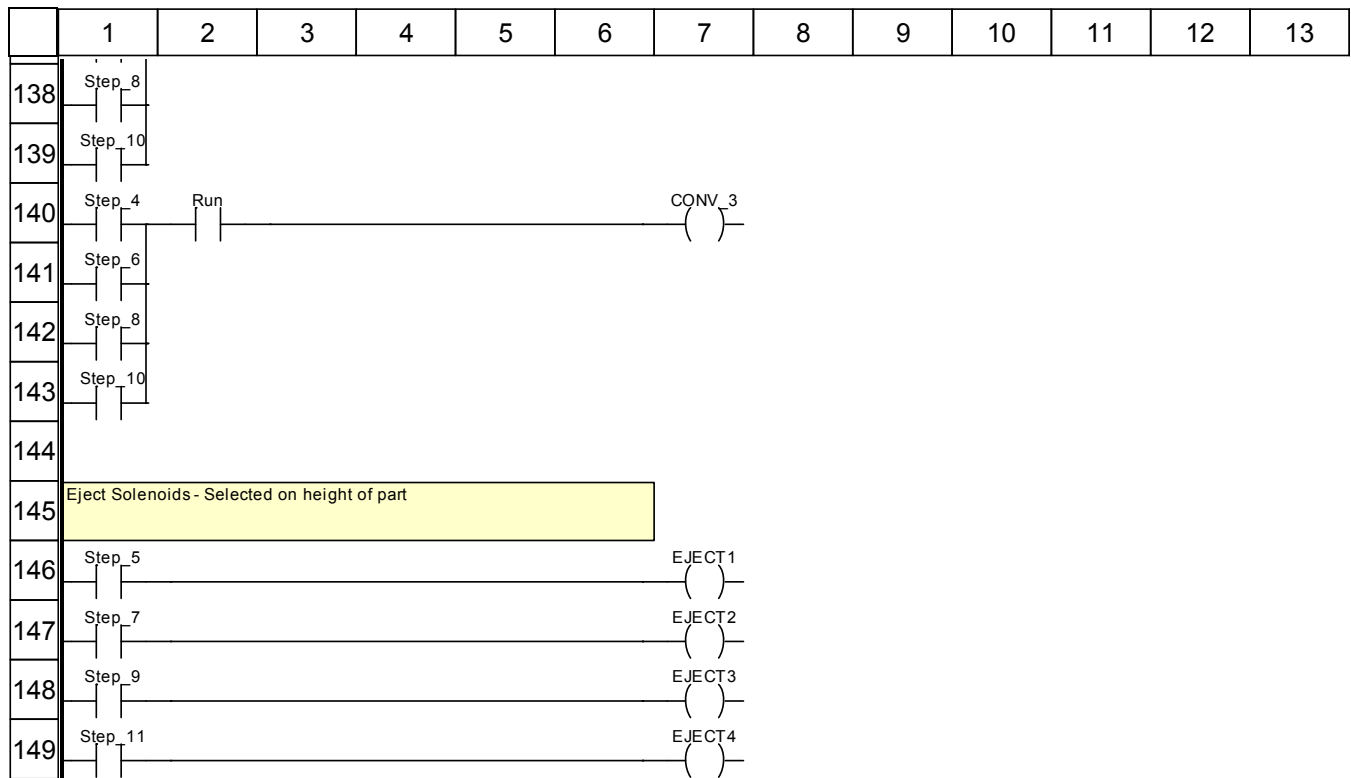
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Truncated labels:

Label	Position(s)
LVDT VAL:=(INT TO REAL(HGT MEAS)/10000.0)*(100.0-0.0)+0.0;	(2, 14)
UX1 VAL:=(INT TO REAL(UX1 MEAS)/10000.0)*(110.0-0.0)+0.0;	(2, 16)

Cross References

Application:

Addresses

Object	Referred into	Location	Usage
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Variables or FB instances

Object	Referred into	Location	Usage
B1_Tmr	main : [MAST]	(l 64, c: 2)	FC
		(l 64, c: 2)	R
		(l 64, c: 2)	R
B2_Tmr	main : [MAST]	(l 76, c: 2)	FC
		(l 76, c: 2)	R
		(l 76, c: 2)	R
B3_Tmr	main : [MAST]	(l 88, c: 2)	FC
		(l 88, c: 2)	R
		(l 88, c: 2)	R
B4_Tmr	main : [MAST]	(l 100, c: 2)	FC
		(l 100, c: 2)	R
		(l 100, c: 2)	R
CONV_2	main : [MAST]	(l 135, c: 7)	W
CONV_3	main : [MAST]	(l 140, c: 7)	W
Down_Tmr	main : [MAST]	(l 23, c: 3)	FC
		(l 23, c: 3)	R
		(l 23, c: 3)	R
EJECT1	main : [MAST]	(l 146, c: 7)	W
EJECT2	main : [MAST]	(l 147, c: 7)	W
EJECT3	main : [MAST]	(l 148, c: 7)	W
EJECT4	main : [MAST]	(l 149, c: 7)	W
GATE	main : [MAST]	(l 120, c: 7)	W
HGT_HMI	main : [MAST]	(l 28, c: 6)	W
HGT_MEAS	main : [MAST]	(l 14, c: 2)	R
HGT_VAL	main : [MAST]	(l 27, c: 6)	W
		(l 28, c: 6)	R
		(l 33, c: 2)	R
		(l 33, c: 6)	R
		(l 37, c: 2)	R
		(l 37, c: 6)	R
		(l 41, c: 2)	R
		(l 41, c: 6)	R
Height_60	main : [MAST]	(l 35, c: 8)	W
		(l 45, c: 1)	R
		(l 48, c: 4)	R
Height_75	main : [MAST]	(l 38, c: 8)	W
		(l 45, c: 2)	R
		(l 50, c: 4)	R
Height_90	main : [MAST]	(l 42, c: 8)	W
		(l 45, c: 3)	R
		(l 52, c: 4)	R
Height_Other	main : [MAST]	(l 45, c: 8)	W
		(l 54, c: 4)	R
Int_Reset	main : [MAST]	(l 106, c: 1)	R
LS1	main : [MAST]	(l 48, c: 2)	R

Cross References

Object	Referred into	Location	Usage
LVDT VAL	main : [MAST]	(l 14, c: 2)	W
		(l 27, c: 6)	R
MEAS_RAM	main : [MAST]	(l 132, c: 7)	W
PROX	main : [MAST]	(l 19, c: 2)	R
Run	main : [MAST]	(l 11, c: 1)	R
		(l 19, c: 5)	R
		(l 25, c: 2)	R
		(l 48, c: 5)	R
		(l 50, c: 5)	R
		(l 52, c: 5)	R
		(l 54, c: 5)	R
		(l 60, c: 4)	R
		(l 71, c: 4)	R
		(l 84, c: 4)	R
		(l 96, c: 4)	R
		(l 132, c: 2)	R
		(l 135, c: 2)	R
		(l 140, c: 2)	R
Step_1	main : [MAST]	(l 11, c: 2)	R
		(l 11, c: 13)	W
		(l 19, c: 1)	R
		(l 19, c: 6)	W
		(l 67, c: 6)	W
		(l 79, c: 6)	W
		(l 91, c: 6)	W
		(l 103, c: 6)	W
		(l 106, c: 6)	W
		(l 135, c: 1)	R
Step_10	main : [MAST]	(l 11, c: 11)	R
		(l 55, c: 6)	W
		(l 95, c: 1)	R
		(l 96, c: 6)	W
		(l 115, c: 6)	W
		(l 128, c: 1)	R
		(l 139, c: 1)	R
		(l 143, c: 1)	R
Step_11	main : [MAST]	(l 11, c: 12)	R
		(l 97, c: 6)	W
		(l 102, c: 1)	R
		(l 102, c: 6)	W
		(l 116, c: 6)	W
		(l 129, c: 1)	R
		(l 149, c: 1)	R
Step_2	main : [MAST]	(l 11, c: 3)	R
		(l 20, c: 6)	W
		(l 25, c: 1)	R
		(l 25, c: 6)	W
		(l 107, c: 6)	W
		(l 120, c: 1)	R
		(l 132, c: 1)	R
Step_3	main : [MAST]	(l 11, c: 4)	R
		(l 26, c: 6)	W
		(l 48, c: 1)	R
		(l 48, c: 6)	W
		(l 50, c: 6)	W

Cross References

Object	Referred into	Location	Usage
		(l 52, c: 6)	W
		(l 54, c: 6)	W
		(l 108, c: 6)	W
		(l 121, c: 1)	R
Step_4	main : [MAST]	(l 11, c: 5)	R
		(l 49, c: 6)	W
		(l 59, c: 1)	R
		(l 60, c: 6)	W
		(l 109, c: 6)	W
		(l 122, c: 1)	R
		(l 136, c: 1)	R
		(l 140, c: 1)	R
Step_5	main : [MAST]	(l 11, c: 6)	R
		(l 61, c: 6)	W
		(l 66, c: 1)	R
		(l 66, c: 6)	W
		(l 110, c: 6)	W
		(l 123, c: 1)	R
		(l 146, c: 1)	R
Step_6	main : [MAST]	(l 11, c: 7)	R
		(l 51, c: 6)	W
		(l 71, c: 1)	R
		(l 71, c: 6)	W
		(l 111, c: 6)	W
		(l 124, c: 1)	R
		(l 137, c: 1)	R
		(l 141, c: 1)	R
Step_7	main : [MAST]	(l 11, c: 8)	R
		(l 72, c: 6)	W
		(l 78, c: 1)	R
		(l 78, c: 6)	W
		(l 112, c: 6)	W
		(l 125, c: 1)	R
		(l 147, c: 1)	R
Step_8	main : [MAST]	(l 11, c: 9)	R
		(l 53, c: 6)	W
		(l 83, c: 1)	R
		(l 84, c: 6)	W
		(l 113, c: 6)	W
		(l 126, c: 1)	R
		(l 138, c: 1)	R
		(l 142, c: 1)	R
Step_9	main : [MAST]	(l 11, c: 10)	R
		(l 85, c: 6)	W
		(l 90, c: 1)	R
		(l 90, c: 6)	W
		(l 114, c: 6)	W
		(l 127, c: 1)	R
		(l 148, c: 1)	R
UX1_MEAS	main : [MAST]	(l 16, c: 2)	R
UX1_VAL	main : [MAST]	(l 16, c: 2)	W
		(l 58, c: 2)	R
		(l 70, c: 2)	R
		(l 82, c: 2)	R
		(l 94, c: 2)	R

Cross References

EF objects

Object	Referred into	Location	Usage
int to real	main : [MAST]	(l 14, c: 2)	FC
		(l 16, c: 2)	FC
le	main : [MAST]	(l 70, c: 2)	FC
		(l 58, c: 2)	FC
		(l 37, c: 2)	FC
		(l 33, c: 2)	FC
		(l 37, c: 6)	FC
		(l 82, c: 2)	FC
		(l 41, c: 2)	FC
		(l 41, c: 6)	FC
		(l 94, c: 2)	FC
		(l 33, c: 6)	FC
le_real	main : [MAST]	(l 70, c: 2)	FC
		(l 58, c: 2)	FC
		(l 37, c: 2)	FC
		(l 33, c: 2)	FC
		(l 37, c: 6)	FC
		(l 82, c: 2)	FC
		(l 41, c: 2)	FC
		(l 41, c: 6)	FC
		(l 94, c: 2)	FC
		(l 33, c: 6)	FC
real to int	main : [MAST]	(l 28, c: 6)	FC