

Main_Program [OB1]

Main_Program Properties

General

Name	Main_Program	Number	1	Type	OB
Language	LAD	Numbering	Manual		

Information

Title	SP7-1	Author		Comment	
Family		Version	0.1	User-defined ID	

Name	Data type	Default value
▼ 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		

Network 1: SP7-1

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SP7-1 Pressure measurement conversion

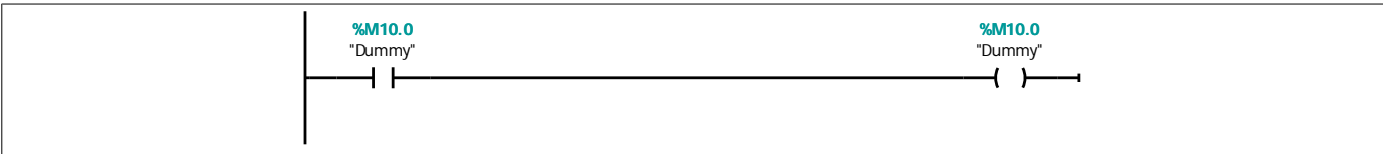
Additional internal memory:

Tag Address

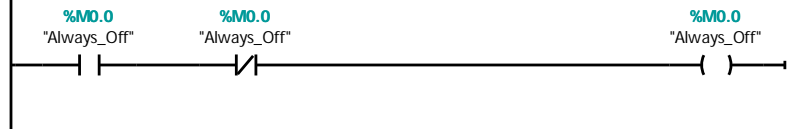
Ret_Val MW2 WORD Return value from SCALE block

PT101_Raw IW100 INT Measurement

PT101_PSI MD108 REAL Scaling calculation result



Network 2: Always off



Network 3: Always on



Network 4: Convert pressure measurement using SCALE

Convert pressure measurement to psi.
Uses SCALE block. Note that the lo_lim input is 25% lower than zero level to account for this block assuming the minimum value of the analog in is zero rather than the 5530 (which corresponds to 4 mA).

