

Totally Integrated Automation Portal		
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Main [OB1]

Main Properties

General

Name	Main	Number	1	Type	OB
Language	LAD	Numbering	Manual		

Information

Title	SP7-5	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: SP7-5

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Problem SP7-5 Flow Meter Accumulator

Tag Address

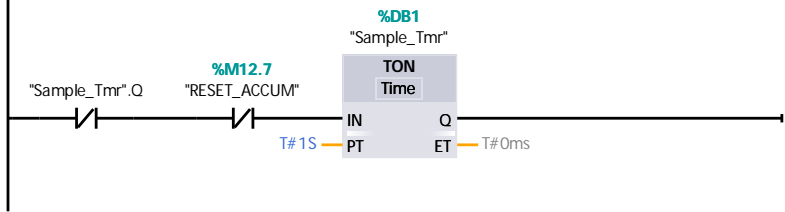
Sample_Tmr %DB1 IEC_TIMER Times sampling interval

TmpR %MD124 REAL Temporary real

%M10.0
"Dummy"

%M10.0
"Dummy"

Network 2: Generate pulse for accumulation calculation.



Network 3:

Multiply period (in minutes) and current flow rate to get volume. Add to previous volume and store in volume.



Network 4:

When accumulator is reset, clear volume and reset sample timer

