

## Main\_Program [OB1]

### Main\_Program Properties

#### General

<b>Name</b>	Main_Program	<b>Number</b>	1	<b>Type</b>	OB
<b>Language</b>	LAD	<b>Numbering</b>	Manual		

#### Information

<b>Title</b>	SP7-5	<b>Author</b>		<b>Comment</b>	
<b>Family</b>		<b>Version</b>	0.1	<b>User-defined ID</b>	

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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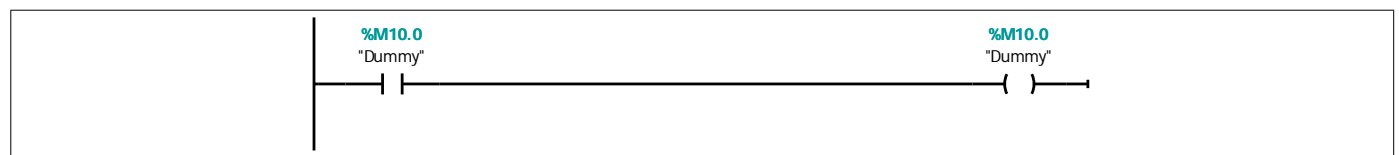
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Problem SP7-5 Flow Meter Accumulator

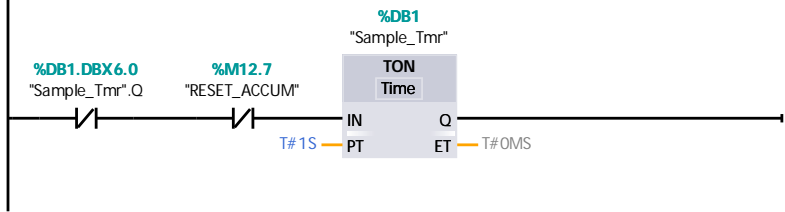
Tag Address

Sample\_Tmr DB1 TON\_SFB Times sampling interval

TmpR MD124 REAL Temporary real

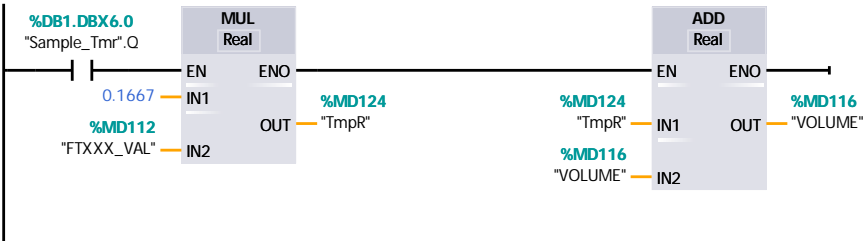


**Network 2: Generate pulse for accumulation calculation.**



**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

