

OB1 - <offline>

""

Name:

Author:

Time stamp Code:

Lengths (block/logic/data):

Family:

Version: 0.1

Block version: 2

12/31/2015 10:17:06 AM

02/15/1996 04:51:12 PM

00310 00134 00026

Name	Data Type	Address	Comment
TEMP		0.0	
OB1_EV_CLASS	Byte	0.0	Bits 0-3 = 1 (Coming event), Bits 4-7 = 1 (Event class 1)
OB1_SCAN_1	Byte	1.0	1 (Cold restart scan 1 of OB 1), 3 (Scan 2-n of OB 1)
OB1_PRIORITY	Byte	2.0	Priority of OB Execution
OB1_OB_NUMBR	Byte	3.0	1 (Organization block 1, OB1)
OB1_RESERVED_1	Byte	4.0	Reserved for system
OB1_RESERVED_2	Byte	5.0	Reserved for system
OB1_PREV_CYCLE	Int	6.0	Cycle time of previous OB1 scan (milliseconds)
OB1_MIN_CYCLE	Int	8.0	Minimum cycle time of OB1 (milliseconds)
OB1_MAX_CYCLE	Int	10.0	Maximum cycle time of OB1 (milliseconds)
OB1_DATE_TIME	Date_And_Time	12.0	Date and time OB1 started

Block: OB1 "Main Program Sweep (Cycle)"

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SP7-5 Flow Meter Accumulator

Symbol

Address

Sample_Tmr

DB1

SFB4

Times sampling interval

TmrR

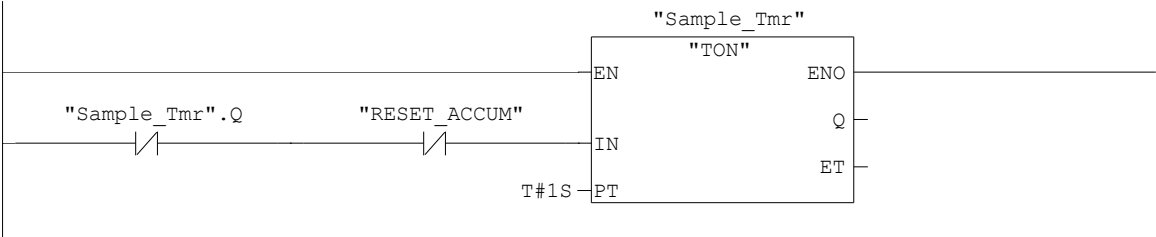
MD124

REAL

Temporary real

Network: 1

Generate pulse for accumulation calculation.



Network: 2

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



Network: 3

When accumulator is reset, clear volume and reset sample timer

