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***** Flow Meter Accumulator *****

Additional internal memory:

Tag	Data Type	
Sample_Tmr	TIMER	Times equation execution

Timer for 1 sec interval.

0

Times equation execution
Sample_Tmr.DN

Times equation execution

TON
Timer On Delay
Timer Sample_Tmr
Preset 1000
Accum 0
EN
DN

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

1

Times equation execution
Sample_Tmr.DN

Volume of material that has passed through flow meter since accumulator has been reset

CPT
Compute
Dest VOLUME
0.0
Expression 0.1667*FTXXX_VAL+VOLUME

When accumulator is reset, clear volume and reset sample timer

2

On to reset accumulator (set volume to zero)
RESET_ACCUM

Volume of material that has passed through flow meter since accumulator has been reset

MOVE
Move
Source 0.0
Dest VOLUME
0.0

Times equation execution
Sample_Tmr
RES

(End)