

SCALES THE PRESSURE SENSOR INPUT FROM PID VALUES TO PSI VALUES 0 TO 55 PSI. ALSO FILTERS VALUES IF SENSOR PUTS OUT PID VALUE LESS THAN 0 OR GREATER THAN 16383

SCALED PRESSURE  
READING

SCP

Scale w/Parameters

Input N7:0

0<

Input Min. 0.0

0.0<

Input Max. 16383.0

16383.0<

Scaled Min. 0.0

0.0<

Scaled Max. 55.0

55.0<

Output F8:0

0.0<

ANALOG PRESSURE  
SENSOR

LES

Less Than (A<B)

Source A N7:0

0<

Source B 0

0<

SCALED PRESSURE  
READING

MOV

Move

Source 0.0

0.0<

Dest F8:0

0.0<

ANALOG PRESSURE  
SENSOR

GRT

Greater Than (A>B)

Source A N7:0

0<

Source B 16383

16383<

SCALED PRESSURE  
READING

MOV

Move

Source 55.0

55.0<

Dest F8:0

0.0<

FLOW SWITCH. CLOSSES WHEN FLOW IS DETECTED.

FLOW SW.

I:0

0

Bul.1763

FLOW SWITCH BIT

B3:0

6

ALARM RESET BUTTON. TYPICALLY ON HMI, FOR THIS PROJECT IT IS SET AS AN DIRECT INPUT.

ALARM RESET BUTTON

I:0

1

Bul.1763

ALARM RESET BIT

B3:0

7

ALARM SILENCE BUTTON. TYPICALLY ON HMI, FOR THIS PROJECT IT IS SET AS AN DIRECT INPUT.

ALARM SILENCE BUTTON

I:0

2

Bul.1763

ALARM SILENCE BIT

B3:0

8

OUTPUT TO ENERGIZE PUMP

PUMP ENERGIZE BIT

B3:0

3

PUMP

O:0

0

Bul.1763

