





Digital Pressure Gauge, Multi-purpose Low/ Differential Pressure Transmitter

Model: TWM11



PRODUCT DESCRIPTION

- ▼ On-site customizable units and range for specific scales
- ▼ LCD backlight display, beneficial for long-term monitoring
- ▼ Limited to non-flammable and non-corrosive gases
- ▼ Usually used in filter, fan and duct pressure monitoring for building automation systems in the HVAC industry

PRODUCT SPECIFICATION

Pressure medium

Gas

Scale ranges

Code 6: -100 ... 100 Pa

Code 0: -1000 ... 1000 Pa

Code 2: -10000 ... 10000 Pa

Pressure units

Pa, mmH₂O, mbar, inWC, mmHg,
daPa, kPa, hPa

Accuracy

±1.0% F.S.

Resolution

Code 0, 2:

1 Pa, 0.1 mmH₂O, 0.01 mbar,
0.004 inWG, 0.007 mmHg, 0.1 daPa,
0.001 kPa, 0.001 hPa

Code 6:

0.1 Pa, 0.01 mmH₂O, 0.01 mbar,
0.01 daPa, 0.001 hPa

Accuracy

±1.0% F.S.

Process connection

Quick coupler

Air inner way: front panel, back panel,
side panel

Pressure limitation

Code 0: 15 kPa

Code 2: 150 kPa

Code 6: 4.5 kPa

Medium temperature

-10°C ... 60°C

Ambient temperature

-10°C ... 70°C

Voltage supply

12-30VDC

Output signal

2-wire: 4-20mA

3-wire: 0-5VDC, 0-10VDC

4-wire: RS485

6-wire: 4-20mA & 0-5VDC,

4-20mA & 0-10VDC

Response time

0.5 s, 1 s, 2 s, 4 s

Power consumption

≤ 1.5W

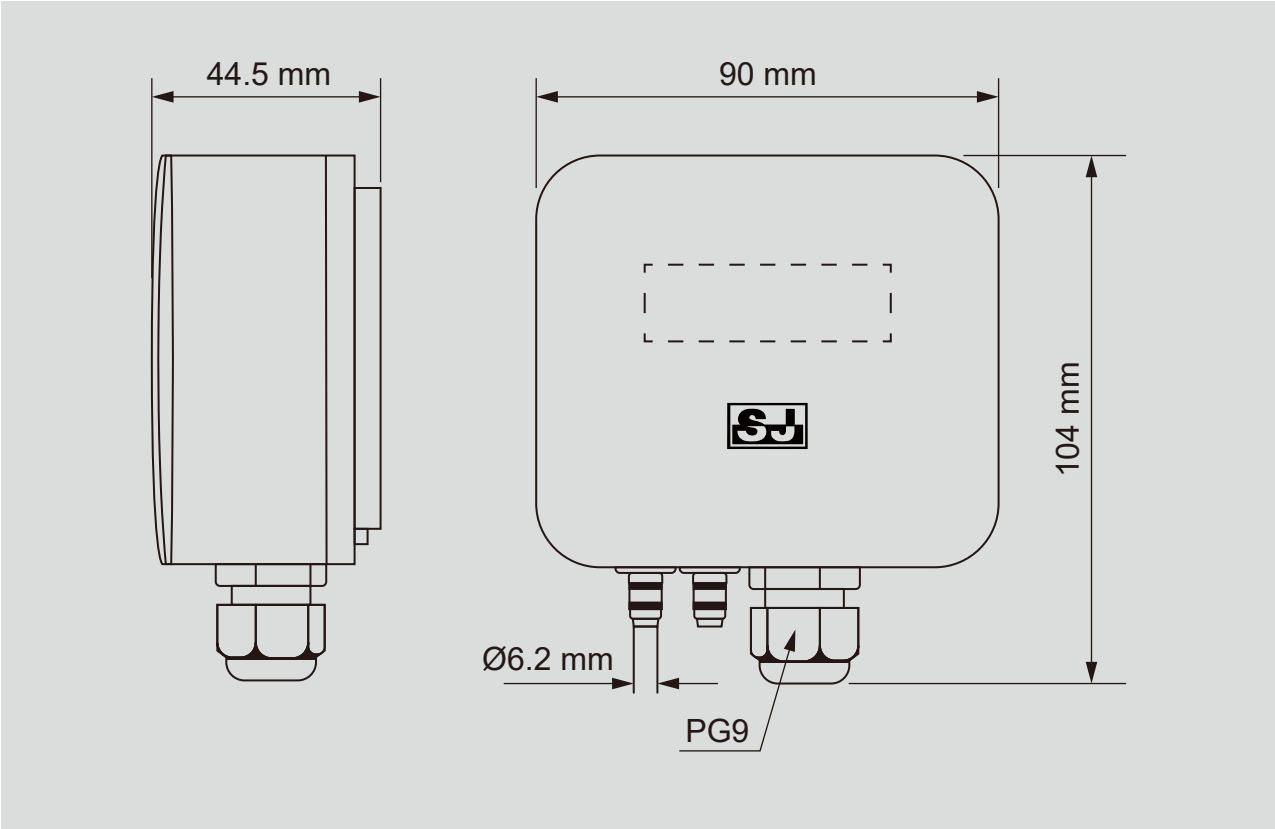
Zero adjustment

By manual or automatic operation

IP rating

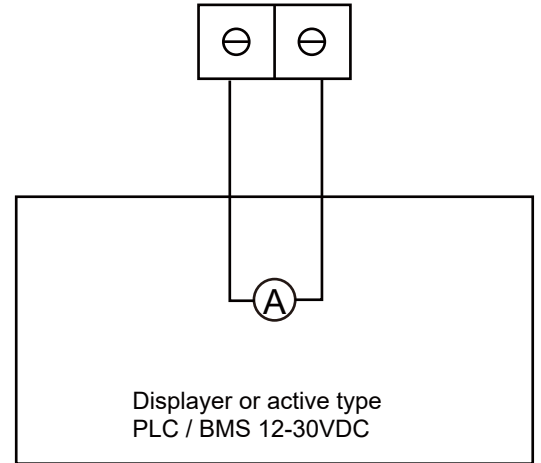
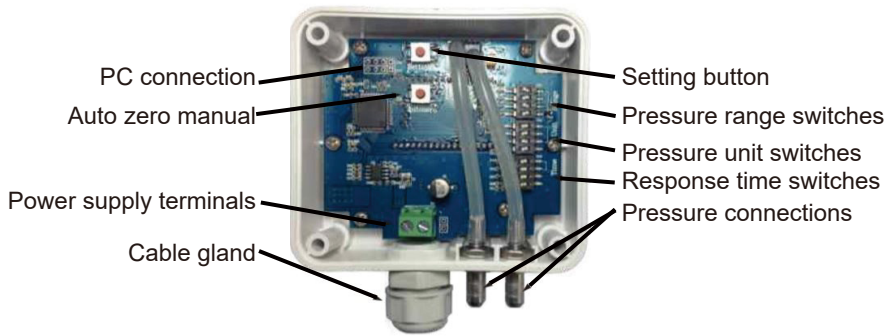
IP54

DIMENSIONS

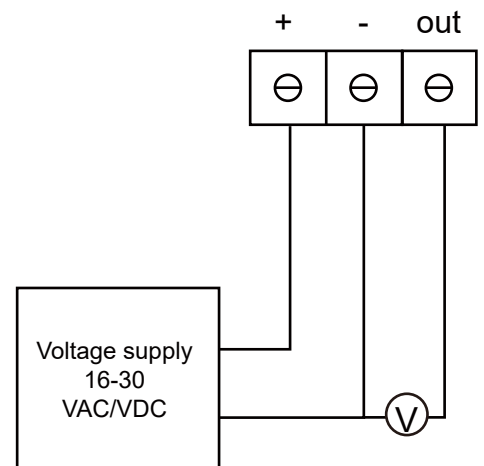
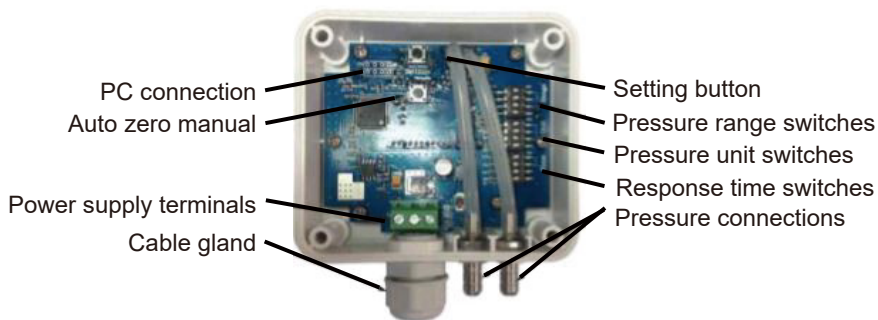


WIRING DIAGRAM

2-wire (4-20mA)

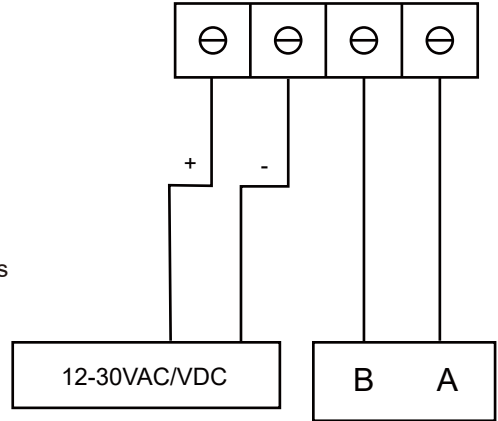
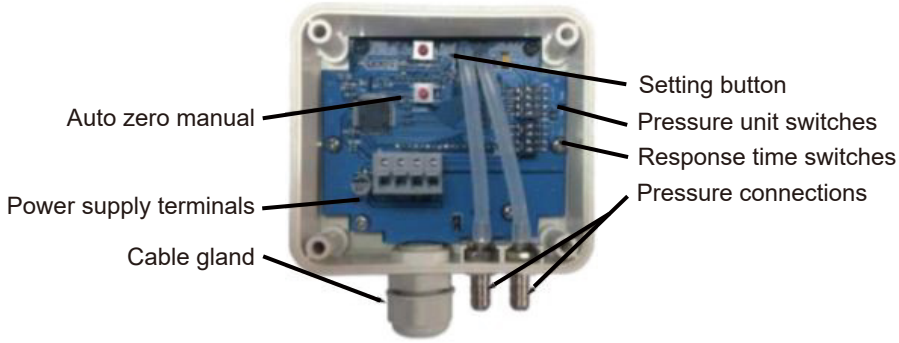


3-wire (0-5VDC, 0-10VDC)

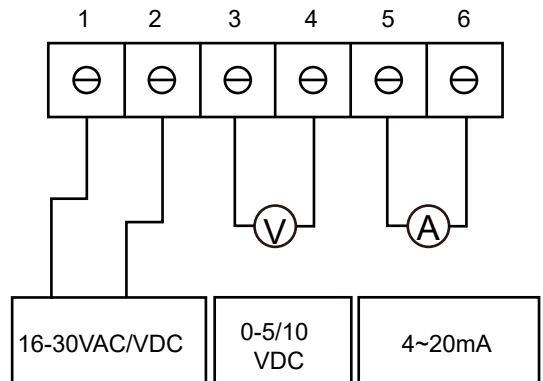
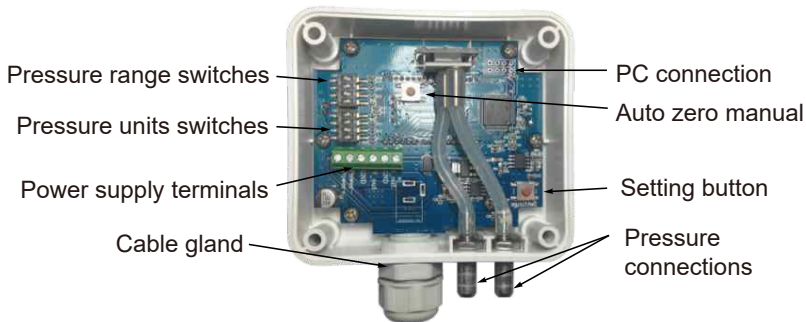


WIRING DIAGRAM

4-wire (RS485)

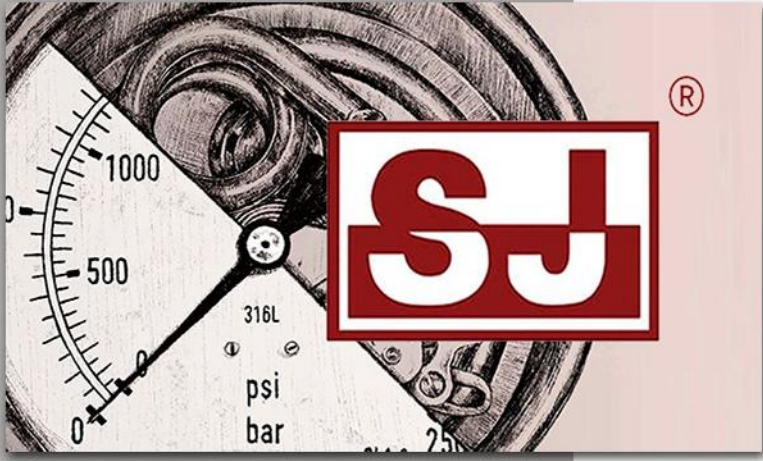


6-wire (4-20mA & 0-5VDC, 4-20mA & 0-10VDC)



- 1. Power+ VAC/VDC L
- 2. Power- VAC/VDC N
- 3. Output signal GND
- 4. Voltage output signal V_out
- 5. Output signal GND
- 6. Current output signal I_out

※ Note: The standard will produce 4~20mA&0~10V, if you need to produce 4~20Ma&0~5V, please specify in the order.



rsIMMA

Elementos For Manufacturing Purposes



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