



# 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, mmH<sub>2</sub>O, mbar, inWC, mmHg,  
daPa, kPa, hPa

### Accuracy

±1.0% F.S.

### Resolution

Code 0, 2:

1 Pa, 0.1 mmH<sub>2</sub>O, 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 mmH<sub>2</sub>O, 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

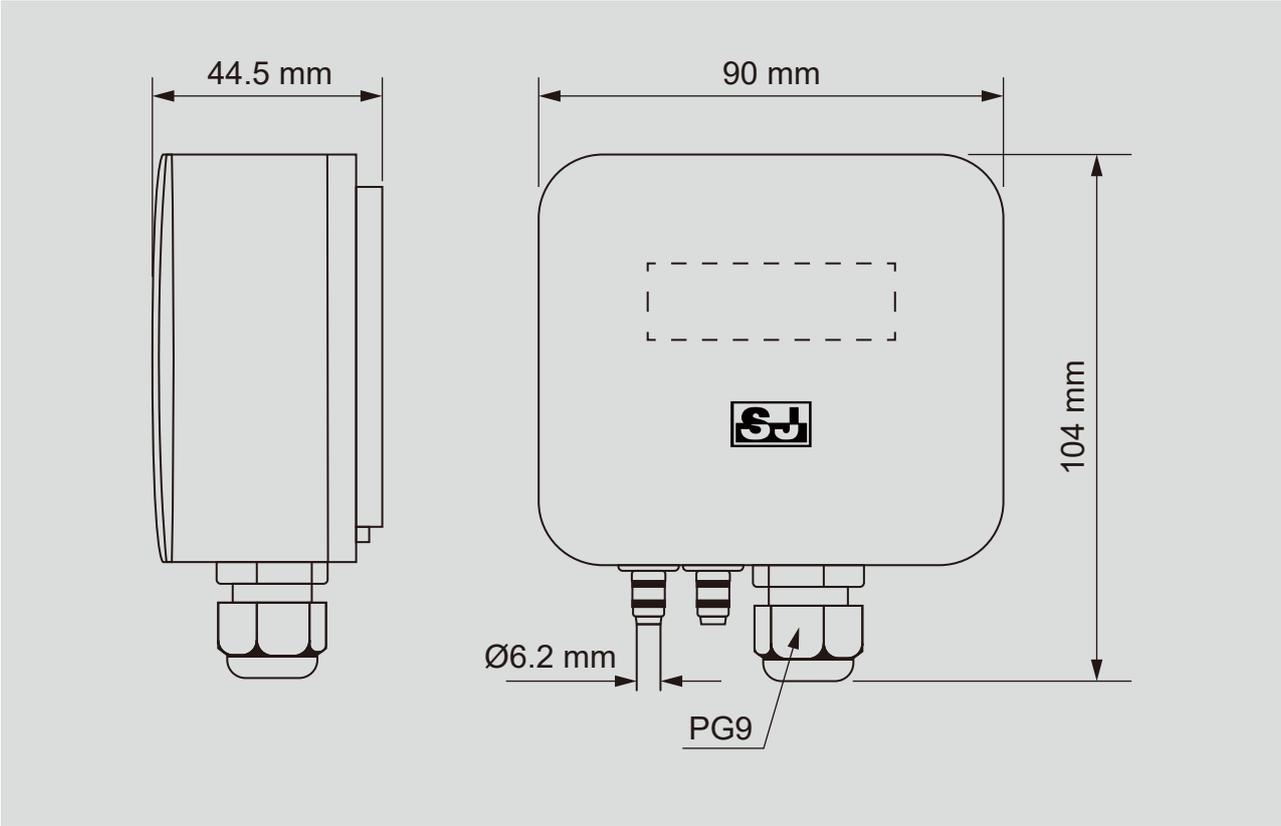
### Zero adjustment

By manual or automatic operation

### IP rating

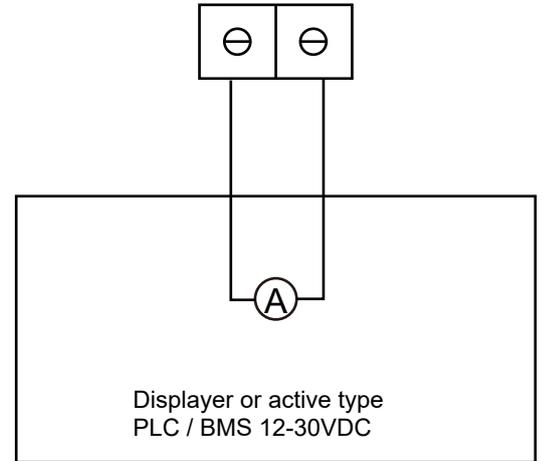
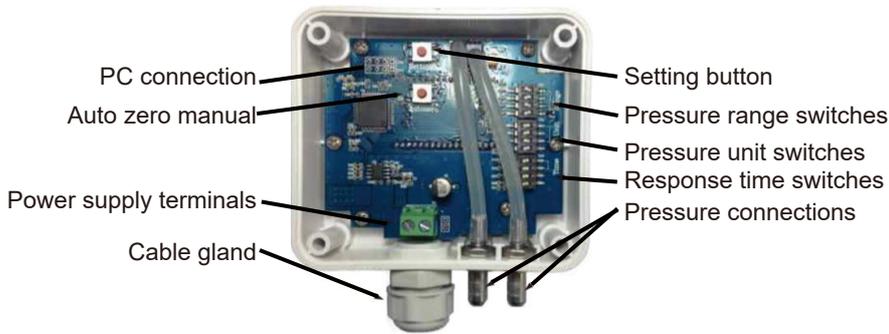
IP54

**DIMENSIONS**

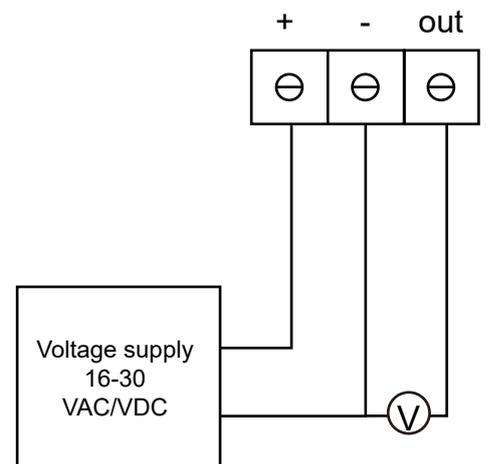
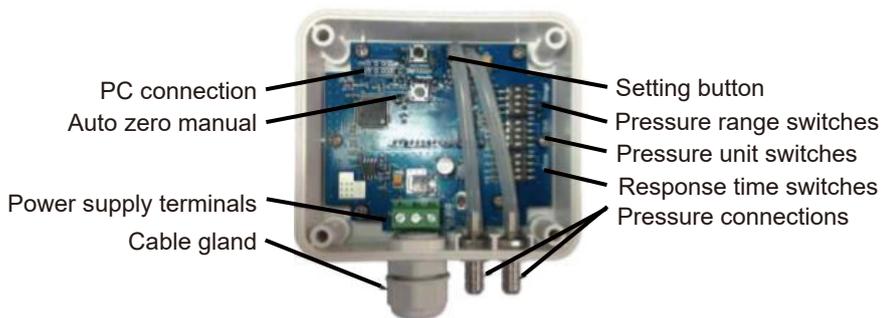


# WIRING DIAGRAM

## 2-wire (4-20mA)

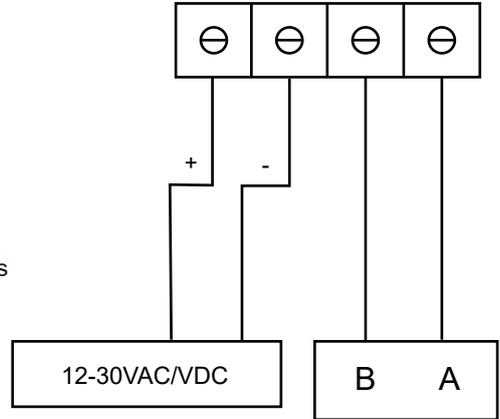
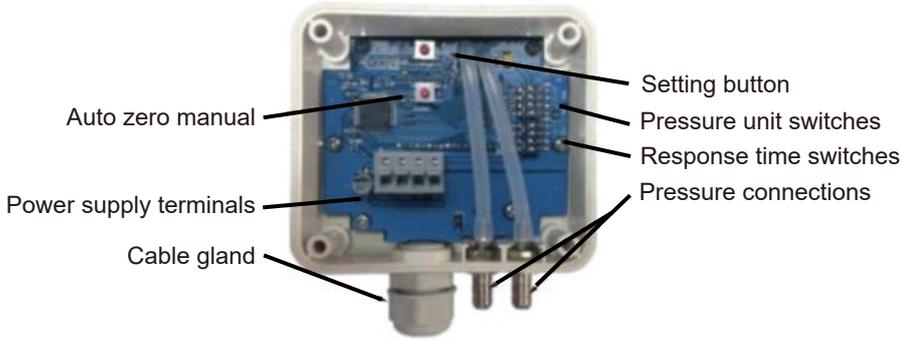


## 3-wire (0-5VDC, 0-10VDC)

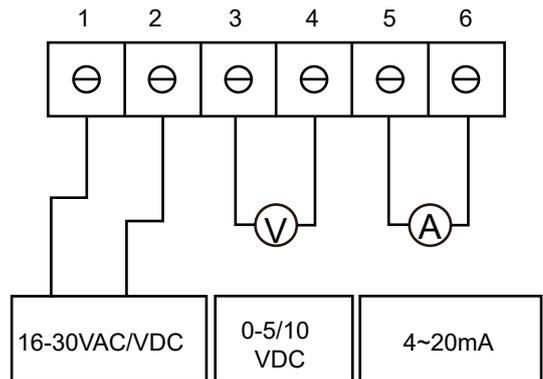
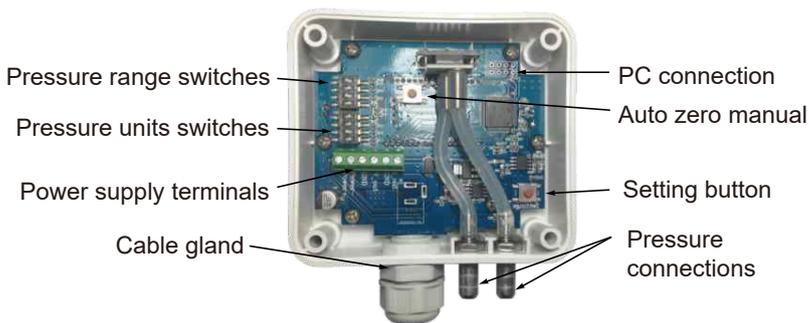


# WIRING DIAGRAM

## 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.



*Gauging your needs!*

#### **ORDERING INFORMATION**

Model / Version / Scale range / Output signal / Options

#### **CONTACT INFORMATION**

ADD : 3F.-3, No. 4, Ln. 609, Sec. 5, Chongxin Rd., Sanchong Dist., New Taipei City 241402 , Taiwan (R.O.C.)

TEL : +886-2-25504512

MAIL : [info@sinjiagauge.com](mailto:info@sinjiagauge.com)

WEB : [www.sj-gauge.com](http://www.sj-gauge.com)

- For any changes to the specifications of this catalogue, the latest version shall prevail. -

Copyright © 2024 by SIN JIA ENTERPRISE CO., LTD. All rights reserved.