



SJ DRM108

**DIFFERENTIAL
PRESSURE
TRANSMITTER
WITH
ANALOG OUTPUT**



Differential Pressure Transmitter: Analog Signal Output

Digital Pressure Gauge

Model: DRM108

Product Description

- Analog output 4-20mA for remote monitoring
- Limited to non-corrosive gases
- Usually used in filter, fan and duct pressure monitoring in building automation systems in the HVAC
- For RS-485 output signal please refer to TWM11



Product Specification

Electrical connctions

For cable Ø8 mm maximum

Accuracy

±1.0% F.S.

Scale ranges

Unidirectional	
0 ... 100 Pa	0 ... 200 Pa
0 ... 500 Pa	0 ... 1000 Pa
0 ... 2500 Pa	0 ... 5000 Pa
0 ... 10000 Pa	
Bidirectional	
0 ... ±50 Pa	0 ... ±100 Pa
0 ... ±250 Pa	0 ... ±500 Pa
0 ... ±1000 Pa	0 ... ±2500 Pa
0 ... ±5000 Pa	0 ... ±10000 Pa

Process connection

PH quick coupler Ø6.2 mm

Case/Ring

Industrial plastic,
fire resistance level per UL94-V0

Pressure limitation

X15

Medium temperature

-40°C ... 85°C



Product Specification

Voltage supply

2-wire: 10-30VDC/VAC

3-wire: 16-30VDC

Output signal

4-20mA (2-wire), 0-5VDC (3-wire),

0-10VDC (3-wire)

Electrical load

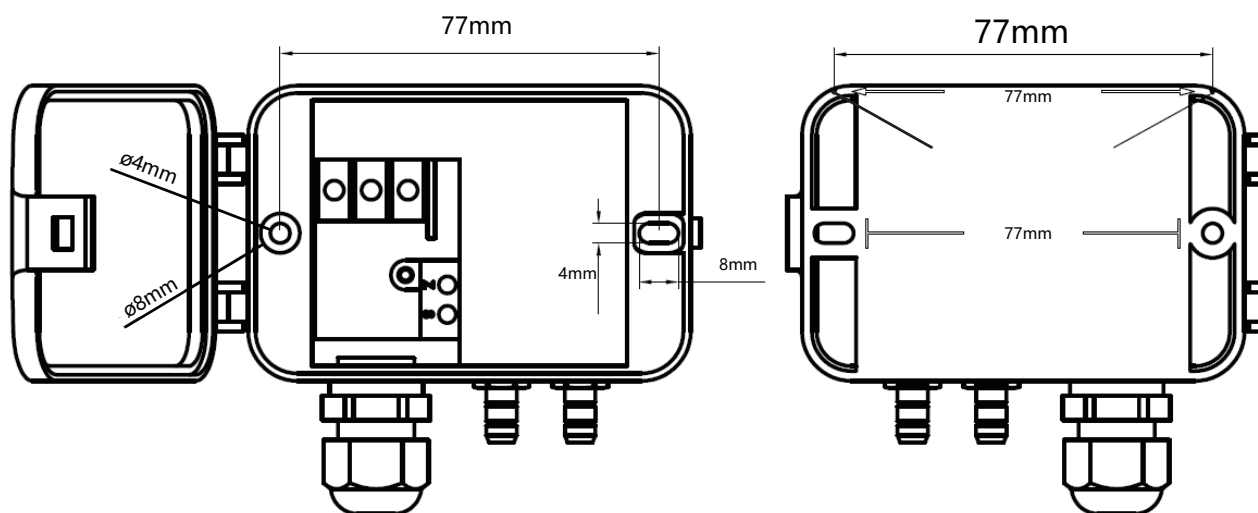
2-wire: $\leq 250\Omega$

3-wire: $\geq 50K\Omega$

Weight

140 g

Dimensions



※ **Ordering information**

Model / Scale range / Output signal / Options

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

SIN JIA ENTERPRISE COMPANY LIMITED

TEL: +886-2-2550-4512

FAX: +886-2-2550-4510

info@sinjiagauge.com

www.sj-gauge.com

No.3, Ln. 71, Chifeng St., Datong Dist., Taipei City 103, Taiwan





Installation

Locate position for installation then drill holes (30 mm depth with 6mm diameter). Place expand plug inside the holes before install the transmitter. There are two holes for screwing after Uncovering the transmitter (expand plugs and screws for installation would be provided by the manufacturer).

Functions

1. Analog signal output

Both 0-5VDC & 0-10VDC and 4~20mA output are selectable. 3-wire for voltage output (follow the wiring diagram) while 2-wire for current output.

2. Zero button

Push the zero button to calibrate when the differential pressure between positive port and vacuum port reach to zero (the LED would light when the button be pushed).

3. Setting button

Calibration of pressure values with the use of precision instruments to provide the pressure source. (customers are not encouraged to use)

4. Response time setting

Set the response time by adjusting the dial-up switches:

Response time	0.5 s	1 s	2 s	4 s
Dial-up switch	1  2 	1  2 	1  2 	1  2 

4ManPro

*Elements For
Manufacturing Processes*



4ManPro
Mexico Branch Office

Elements For Manufacturing Processes

MEXICO BRANCH OFFICE

Roberto Diaz No. 401
Ciudad Industrial
Aguascalientes, Ags.
México
20290

4ManPro@4ManPro.com
(449) 171 3420
www.4ManPro.com/SPA/



USA BRANCH OFFICE

Pennzoil Place
700 Milam
Suite 1300
Houston, Tx, USA
77002

4ManPro-USA@4ManPro.com
+1 (832) 871 5022
www.4ManPro.com/ENG/

*Elements For
Manufacturing Processes*

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

Copyright © 12/2019 by SIN JIA ENTERPRISE COMPANY LIMITED. All rights reserved.

