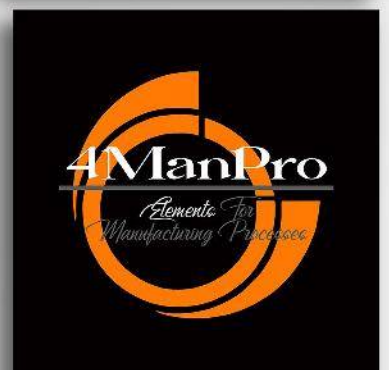




SJ QD



**GENERAL PURPOSE
PRESSURE
TRANSMITTER**



Pressure Transmitter for General Use

Model: QD

Product Description

- Selectable output signal based on your needs (4-20mA and RS485, etc.)
- Select from waterproof connector, angular connector and aviation connector.
- Can be used as a level gauge under certain conditions



From the left side to the right: Angular connector/Circular connector/Waterproof metal connector/Waterproof plastic connector

Product Specification

Electrical connections

Angular, aviation,
water-proof plastic (Cable outlet 1 M),
water-proof metal (Cable outlet 1 M)

Scale ranges

0 ... 10 kPa to 0 ... 1000 bar,
or other equivalent units of pressure,
vacuum or compound

Accuracy

±0.5% F.S. (standard)
±0.25% F.S.

Process connection

304 SS (standard) , 316 SS
PT: 1/4", 1/2"
G: 1/8", 1/4", 1/2"
NPT: 1/4", 1/2"
M20*1.5, M14*1.5

Case/Ring

304 SS

Diaphragm

316L SS

Accessories

Cooling element: -30°C ... 200°C
(options)

Product Specification

Medium temperature

-35°C ... 60°C

Response time

$\leq 10\text{ms}$

Voltage supply

DC 16 ... 32V

Output signal

4-20mA, 0-10V, 0-5V, RS485

Zero drift

$\leq 0.1\%$ F.S.

Stability

$\leq \pm 0.15\%$ F.S. / year

Transmission distance

$\pm 100\text{M}$ (without electromagnetic interference)

Vibration resistance

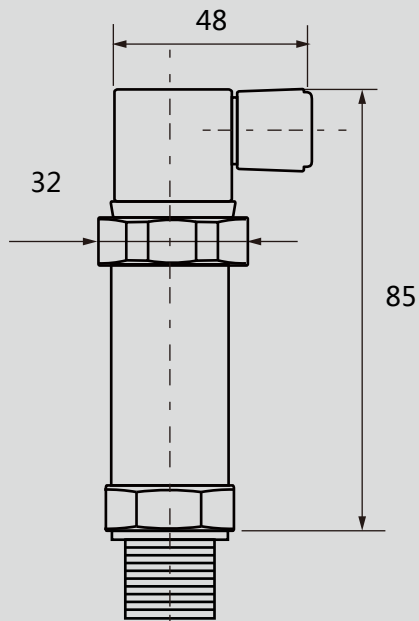
$\leq 0.15\%$ F.S. / year

Insulation resistance

$\geq 1000\text{M}\Omega$ / 100VDC

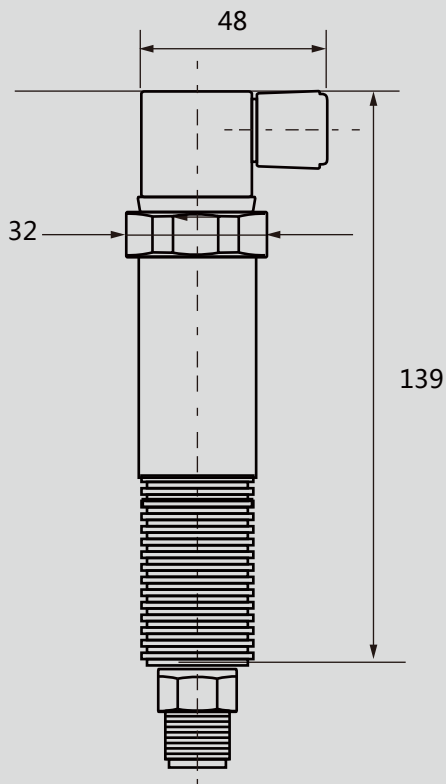
Dimensions

Angular connector



Unit: mm

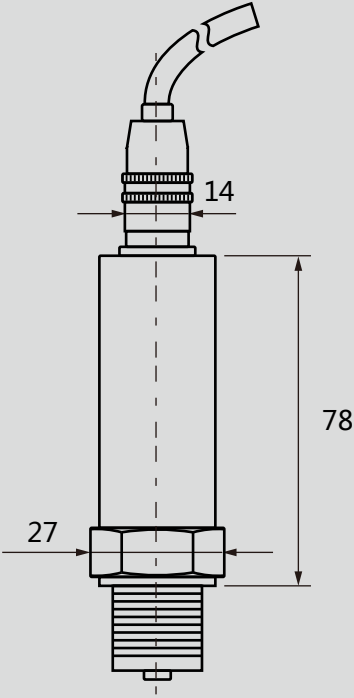
Angular connector with cooling element



Unit: mm

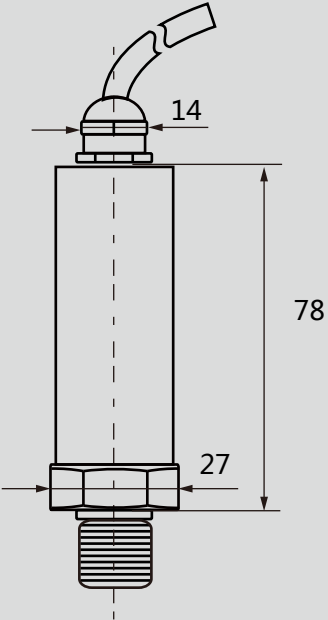
Dimensions

Aviation connector



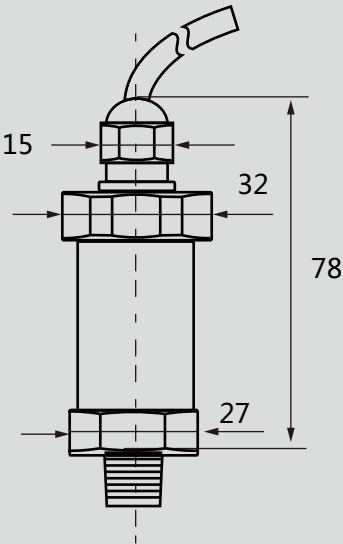
Unit: mm

Water-proof metal connector



Unit: mm

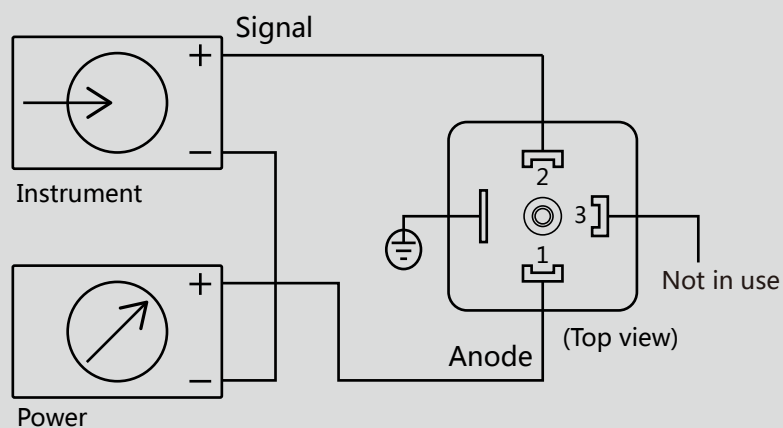
Water-proof plastic connector



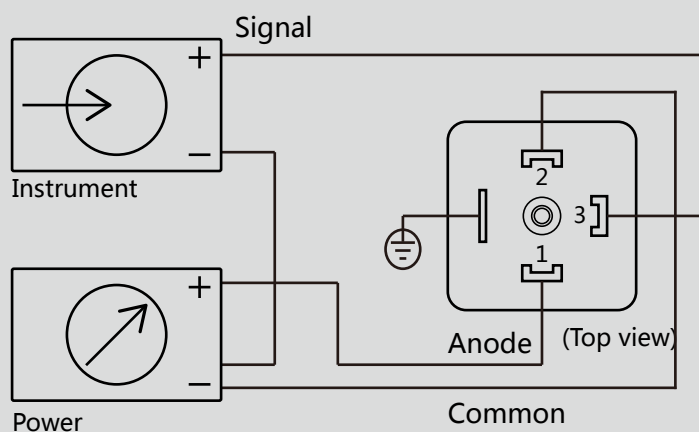
Unit: mm

Wiring Diagram

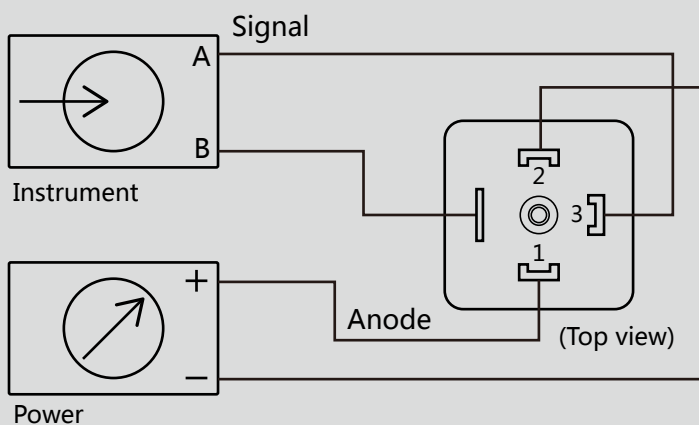
Angular connector-2 wire (4-20mA)



Angular connector-3 wire (0-5V, 0-10V)



Angular connector-4 wire (RS485)



✂ Ordering information:

Electrical connection / Scale range / Accuracy / Process connection
/ Output signal / Options

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



4ManPro

*Elements For
Manufacturing Processes*



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