

MD-G106 SERIES ECONOMIC PRESSURE TRANSMITTER

TECHNICAL CHARACTERISTICS:

- ✓ Adopts stainless steel, compact design, strong shock resistance
- ✓ Compact structure, easy installation
- ✓ Various outlet and thread installation
- ✓ Cost-effective, suitable for large-scale supporting such as water pumps and air compressors



MD-G106 series economic pressure sensor adopts compact structure and digital circuit design, which makes the appearance smaller, more convenient to install, and better electrical compatibility.

The sensor is targeted for large-scale matching in water pump and air compressor industries. It has strong media compatibility (suitable for various media such as oil, sewage steam, etc.), excellent anti-interference and impact resistance. The product shell is made of stainless steel, and universal connectors such as R1 / 4, ZG1 / 4 are always available to ensure the air tightness and durability of the product.

APPLICATIONS:

- ◇ Water pump
- ◇ Air compressor
- ◇ Construction machinery
- ◇ Pneumatic and hydraulic systems

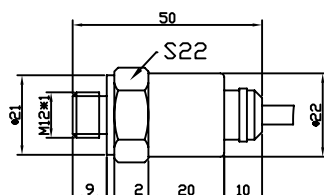
TECHNICAL PARAMETERS:

Range	0~0.25/0.4/0.6/1.0/1.6/2.5MPa
Overload pressure	150%
Burst pressure	300%
Response time	≤5ms
Accuracy	1%FS
Long-term stability	Typical: ± 0.25%FS/year
Zero temperature drift	Typical: ± 0.05%FS/°C
Sensitivity temperature drift	Typical: ± 0.02%FS/°C
Power Supply	5V/3.3V
Output	0.5~4.5V/0.5~2.5V
Operation temperature	-30~70°C
Compensation temperature	0~60°C
Storage temperature	-40~100°C
Electrical protection	Anti-reverse protection
IP rating	IP67(cable) IP65(plug)
Measurement medium	Gas or liquid incompatible with 304 stainless steel
Connection	G1/4,ZG1/4,NPT1/4 (customized)
Shell material	304SS

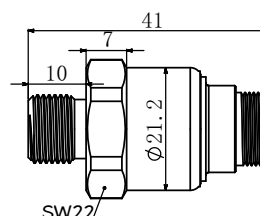


DIMENSION:

UNIT:mm



Straight out



Aviation plug

OUTLET DEFINITION:

5V/0.5-4.5V	Power supply+	Red
	Power supply-	Black
	Output+	Green

Straight out

SELECTION GUIDE:
MD-G106-10b-1-V3-P0-G14-B-T1
Model:

 G106
(Economic)

Range:

 X b(0-X bar)
 X M(0-X MPa)
 X k (0-X kPa)
 X P(0-X PSI)

Accuracy:

1 (1% FS)

Output:

V3 (0.5-4.5V) V4 (0.5-2.5V)

Measurement temperature:

T1 (-30~+70°C)

Electric connection:

 B (Fixed cable)
 C (Aviation plug)

Screw thread:

 G14 (G1/4) G12 (G1/2)
 N14(NPT1/4) M9(Customized)

Power supply:

P0(3.3V) P1(5V)

