

## MD-G202 SERIES INDUSTRIAL PRESSURE TRANSMITTER

### TECHNICAL CHARACTERISTICS:

- ✓ Adopt 2088 Industrial explosion-proof shell
- ✓ Anti-interference design, multiple setting functions
- ✓ Intrinsically safe explosion-proof certificate and CE certificate
- ✓ Support baud rate, address, filter constant setting (RS485 type)
- ✓ Support display digits, filter coefficient, sensitivity coefficient, zero clear & other function (4~20mA type)



MD-G202 series industrial pressure transmitter adopts diffused silicon core sensor as pressure sensing element, with industrial standard explosion-proof housing with waterproof grade IP67, which makes it highly accurate, long-term stability, excellent waterproof and moisture-proof ability compatibility.

It is widely used in industrial equipment, water conservancy, chemical, medical, power etc.

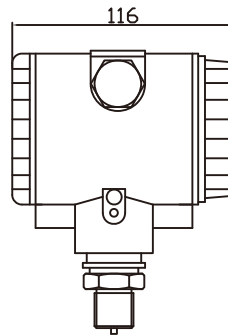
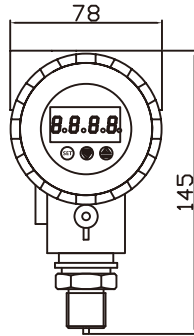
### APPLICATIONS:

- ◇ Petrochemical    ◇ Construction machinery    ◇ Steel industry
- ◇ Pneumatic and hydraulic systems    ◇ Farm equipment    ◇ Hydraulic test stand
- ◇ Power metallurgy    ◇ Energy and water treatment systems

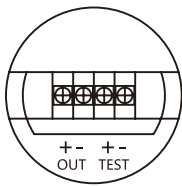
### TECHNICAL PARAMETERS:

Range	-100kPa...-5...0...5kPa...1MPa...60MPa
Overload pressure	≤10MPa 200% ; > 10MPa 150%
Response time	≤ 5ms
Accuracy	0.5%FS 0.25%FS
Long-term stability	Typical: ± 0.2%FS/year
Zero temperature drift	Typical: ± 0.02%FS/°C, Max: ± 0.05%FS/°C
Sensitivity temperature drift	Typical: ± 0.02%FS/°C, Max: ± 0.05%FS/°C
Power supply	12~28VDC(typical 24VDC)
Output	4~20mA/RS485
Operation temperature	-40~80°C
Compensation temperature	-10~70°C
Storage temperature	-40~100°C
Electrical protection	Anti-reverse protection, anti-frequency interference design
IP rating	IP 67
Measurement medium	Gas or liquid incompatible with 316L stainless steel
Connection	M20*1.5,G1/2,G1/4(customized)
Shell material	Cast aluminum (2088 housing)
Certificate	CE Certificate
Safety explosion-proof	Exib IIBT6 Gb

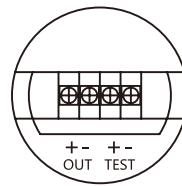


**DIMENSION:**


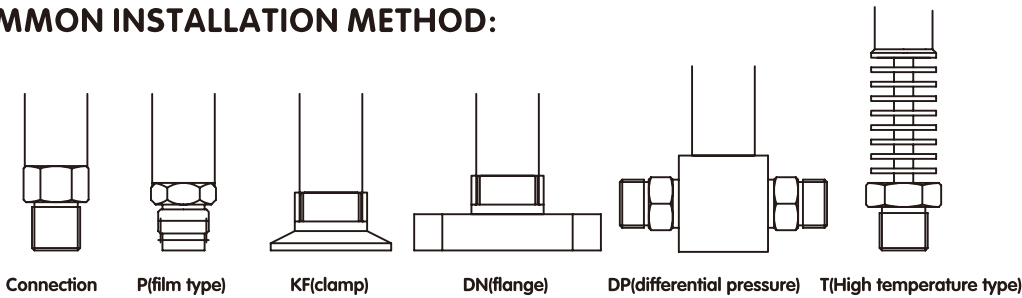
UNIT:mm

**OUTLET DEFINITION:**

 (TEST+)=Power supply+  
 (OUT +)=Output+

■ 4-20mA


 (TEST+ -)=Power supply+ -  
 (OUT + -)=Output+ -

■ RS 485

**COMMON INSTALLATION METHOD:**

**SELECTION GUIDE:**
**MD - G202 - P - 10b - 1 - A - P2 - M20 - B - T1 - L**
**Model:**

 G202(Gauge)  
 G202A  
 (Absolute pressure)

**Structural features:**

 X(thread)  
 P(film type)  
 DP(differential pressure)  
 KF(clamp) DN(flange)  
 T(High temperature type)

**Range:**

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

**Accuracy:**

1(0.5% FS) 2(0.25% FS)

**Output:**

 A (4-20mA)  
 R (RS485)

**Additional options:**

I(Intrinsically safe)

L(Display type)

**Measurement temperature:**

 T1 (-40~+80°C)  
 T3 (0~+150°C)

**Electric connection:**

B (Fixed cable)

**Screw thread:**

M20 (M20*1.5)	G14 (G1/4)
G12 (G1/2)	N12(NPT1/2)
N14 (NPT1/4)	M9(Customized)
DN 25	DN 50
DN 80	KF 50

**Power supply:**

P2(12-28V)

