

## MD-G201 SERIES INDUSTRIAL PRESSURE TRANSMITTER

### ■ TECHNICAL CHARACTERISTICS:

- Industrial explosion-proof shell
- Intrinsically safe explosion-proof certificate and CE certificate
- Anti-interference design, multiple protections, circuit adopts power isolation and output isolation
- Imported diffused silicon sensor
- IP67 rating, suitable for open-air industrial sites where the environment is relatively harsh
- 4~20mA, RS485 output(optional)



MD-G201 series industrial pressure transmitter adopts the original imported diffusion silicon sensors, industrial standard explosion-proof shell, and instrument-level amplifier circuit, which makes it have excellent long-term stability and product accuracy.

It is widely used in industrial equipment, water conservancy, chemical, medical, power, air conditioning, diamond press, metallurgy, vehicle braking, building water supply and other pressure measurement and control.performance.

### ■ APPLICATIONS:

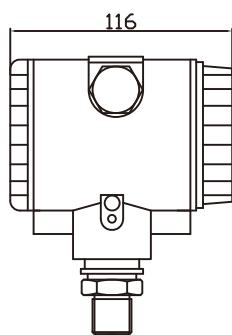
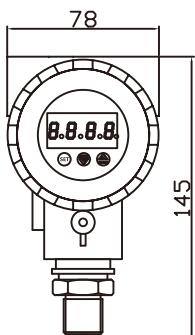
- ◊ Petrochemical      ◊ Construction machinery      ◊ Steel industry
- ◊ Pneumatic and hydraulic systems      ◊ Farm equipment      ◊ Hydraulic test stand
- ◊ Power metallurgy      ◊ Energy and water treatment systems

### ■ 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 0.15%FS
Long-term stability	Typical: ± 0.1%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/RS485/4~20mA+HART protocol(optional)
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
Safety explosion-proof	Exib IIBT6 Gb

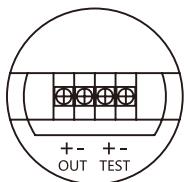


### DIMENSION:

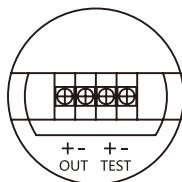


UNIT:mm

### OUTLET DEFINITION:



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

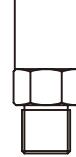


(TEST+) = Power supply+ -  
(OUT+) = Output+ -

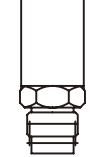
■ 4-20mA

■ RS 485

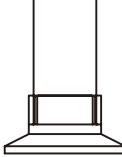
### COMMON INSTALLATION METHOD:



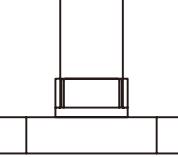
Connection



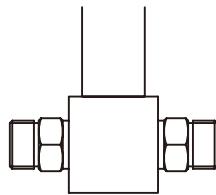
P(film type)



KF(clamp)



DN(flange)



DP(differential pressure)



T(High temperature type)

### SELECTION GUIDE:

**MD-G201-P-10b-1-A-P2-M20-B-T1-L**
**Model:**

 G201(Gauge)  
G201A  
(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) 3(0.15% FS)

**Output:**

 A (4-20mA) R (RS485)  
AH(4-20mA+HART)

**Additional options:**

 I(Intrinsically safe)  
L(Display type)

**Measurement temperature:**

 T1 (-40~+80°C)  
T3 (0~+150°C)

**Electric connection:**  
**B (Fixed cable)**

 M20 (M20\*1.5)  
G12 (G1/2)  
N14 (NPT1/4)  
DN 25  
DN 80

 G14 (G1/4)  
N12(NPT1/2)  
M9(Customized)  
DN 50  
KF 50

**Power supply:**  
**P2(12-28V)**
