

Pressure Transmitter

The STP series Pressure Transmitter manufacture with high-precision pressure sensors and special conversion circuit. The product has improved assembly process and welded technology in order to achieve excellent performance and best quality. This product has a variety of interfaces and lead wire connecting styles due to its professional design and delicate structure. It can be applied in measuring the gas and liquids.

Features:

- High accuracy, long-term stability
- Without the use of O-rings, ensure long-term uses with no signs of leakage
- All fixed structures, extremely stable
- Anti-RF and Anti-lightning Design
- It resist over-voltage, reverse polarity and current limit protection

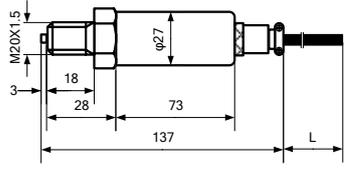
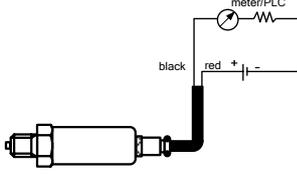
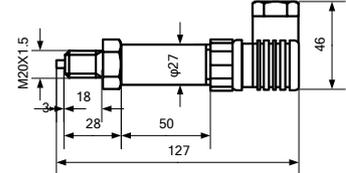
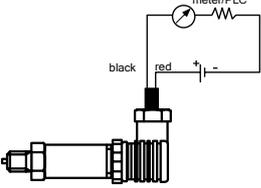
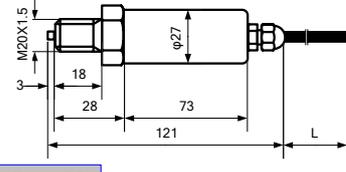
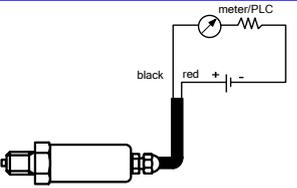
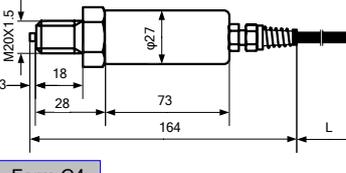
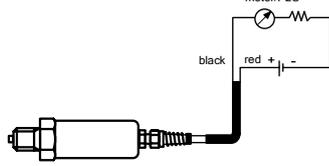
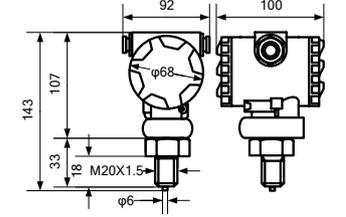
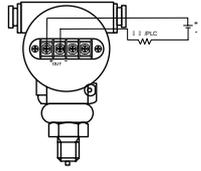
Function and system design

- Measuring range
 - Gauge pressure: 0~100MPa
 - Absolute pressure: 0~100MPa
 - Negative pressure: -100kPa~700kPa
- Power supply: 24V DC
- Pressure overload: Twice the range
- Ambient temperature: -40~80°C

Applications

- Hydraulic and pneumatic control system
- Internal combustion 、 Engine
- Industrial process measurement and control
- Pressure Calibration Laboratory
- Compressor unit
- Refrigeration unit
- Air conditioning unit
- Combined heat and power unit

Pressure Transmitter

Drawing	Picture	Electrical connection
 <p>Form C1</p>		
 <p>Form C2</p>		
 <p>Form C3</p>		
 <p>Form C4</p>		
 <p>Form B</p>		

Notes

1. Please correctly choose gauge pressure, negative pressure, and absolute pressure according to different pressure measurements.
2. It is better to make MPA between 60% and 90% of standard range when choosing the range. The possible maximum pressure in the system should not be over the maximum pressure allowed for the product.
3. The diaphragm and shell of the transmitter have different media comparability, so the user should consider the impact the media under testing may have on the pressure measurement due to their different type, impurity substance content, density, temperature, and etc, and choose the right protection material and measurement structure.

Pressure Transmitter

How to order

	STP	T	R	T	P	O	N	S
STP Pressure Transmitter _____								
T Product appearance _____ C1=Form C1 C2=Form C2 C3=Form C3 C4=Form C4 B=Form B								
R Range _____ 01=0 10kPa 02=0 35kPa 03=0 70kPa 04=0 100kPa 05=0 200kPa 06=0 350kPa 07=0 1MPa 08=0 1.6MPa 09=0 3.5MPa 10=0 10MPa 11=0 20MPa 12=0 40MPa 13=0 100MPa ↻ Customized								
T The type of pressure _____ G=Gauge pressure N=Negative pressure A=Absolute pressure								
P Accuracy _____ 5=0.5% 2=0.2% 1=0.1%								
O Output _____ A=4 20mA ↻ Customized								
N Compact type _____ 20=M20X1.5 ↻ Customized								
S Special Requirements _____ 0=None 3=Erosion-proof 6=Field display 7=Be equipped with heat sink 8=Explosion-proof 9=12V DC supply ↻ Customized								

Note: 1, The '*customized*' option should be filled your requirements directly.
2, '**Special requirements**' if there are any more options, please use the '/' fill it in seriate.

Order Example| STP-----TC1-----R07-----TG-----P5-----OA-----N20-----S0

Pressure Transmitter
Form C1
01
1MPa
Gauge
Accuracy 0.5
Output 4
20mA
Thread M20X1.5
None