

Air Compressor Pressure Transmitter XY-PTC

Typical Feature

- Measurement Range 0-10Bar,0-16 Bar and 0-25Bar
- Accuracy 0.5%FS
- Powered by 9~32VDC, output 4-20mA,0-5V is optional
- Small Structure, Highly cost-effective
- Excellent anti-electromagnetic interference
- General connector air compressor easy installation.



Brief Introduction

XY-PTC Pressure Transmitter is an air compressor pressure sensor, at the same time it can be used in pneumatic and hydraulic system, agricultural machine when it has oil, sewage, steam and other medium.

XY-PTC Air Compressor Pressure transducer has stainless steel shell and laser welded construction, IP65 and IP67 ingress protection, and Safety explosion-proof design, which allow this product able to withstand harsh rugged application environments; Powered by 9-32 VDC, standard electrical signal output 4-20mA, 0-5VDC and 0-10VDC are optional, measurement range 0-10Bar,0-16 Bar and 0-25Bar are standard types, other customized measurement range is available; Thoughtful specialized electric circuit design, accuracy 0.5% FS; Long-Term Stability $\pm 0.2\%$ FSO/Year.

Machinal joint include Thread, Flush Diaphragm, Clamp, Flange, Radiator and Differential Two-way Fitting.

Suggested Applications

-  Spiral air compressor
-  Inverter compressor
-  Transducer Matching
-  Pneumatic and Hydraulic System
-  Customized Applications

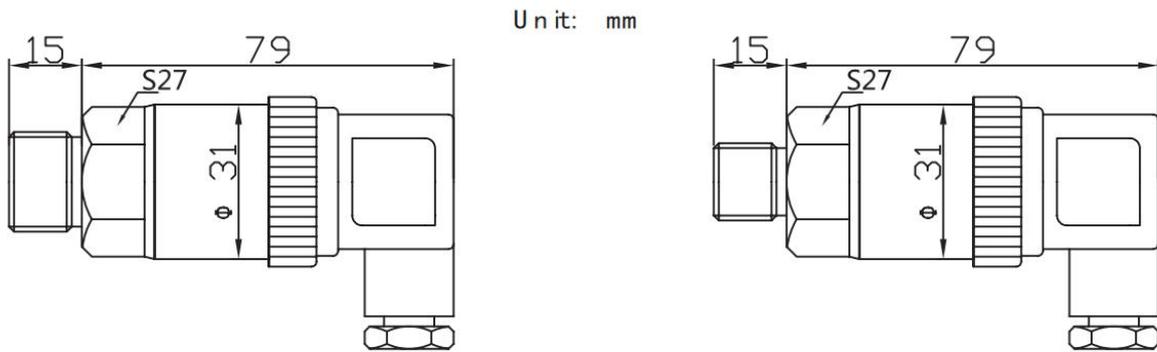
[More details for XY-PTC, please contact us.](#)

Specification

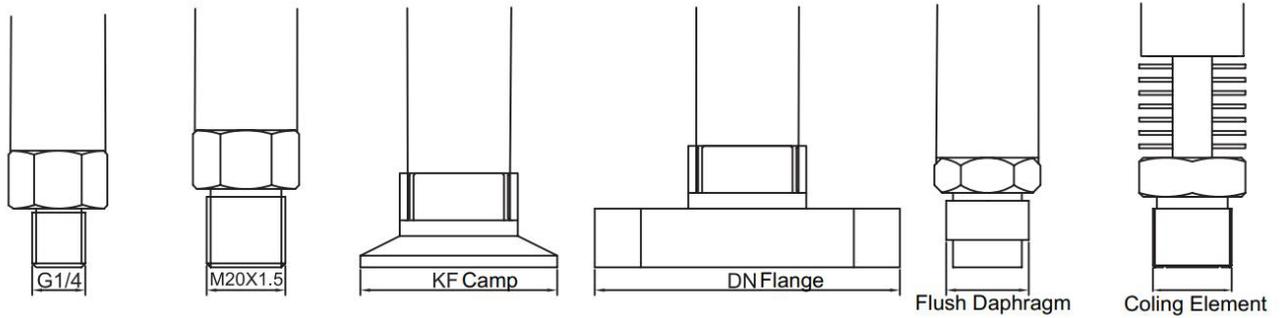
Model	XY-PTC
General Pressure Range	0-10Bar,0-16 Bar and 0-25Bar
Pressure Type	Gauge Pressure Test
Dimension	Diameter $\Phi 31$
Measurement Medium	Gas or Liquid with Compatibility of SS 304
Overload Capacity	200%
Breakdown Pressure	300%
Output Single	4-20mA; 0-5V is optional
Power Supply	9-32 VDC

Accuracy	0.5%FS
Long-Term Stability/Year	Typical: ±0.15% FS/Year
Zero Temperature Drift	±0.5%FS/10°C
Full Scale Temperature Drift	±0.5%FS/10°C
Operation Temperature	-40 ~ 110°C
Compensation Temperature	-20 ~ 85°C
Insulating Strength	≥500MΩ
Load Resistance	≤[(U-6.5)/0.02A] Ω
Mechanical Life	≥5Million Pressure Cycle
IP Protection Class	IP65, IP67

Dimension(mm)



Mechanical Connection(mm)



Electronic Connection

4-20mA(2-Wire)	Input +	Red
	Output+	Black
0-10V,0-5V(3-Wire)	Input +	Red
	Input -	Black
	Output+	Green

How To Order

XY-	PG	Z80	E	P	60M	I	P2	J	M3	B1	T1	L
Category	Type	Setup	Pressure Connection	Pressure Range	Accuracy	Power	Output	Thread	Electrical Connection	Medium Temperature	Additional	
PG	Pressure Gauge	200 High Accuracy	E Lower Mount	None General Thread	XK (0-KkPa)	1 0.40%	P0 Battery	R RS485	M1 M20*1.5	B Cable Outlet	T1 -5~40°C	LC LCD Display
		210 High Accuracy Pressure&Temperature	Z Panel Mount	P Diaphragm Seals	XB (0-XBar)	2 0.20%	P2 24V	A 4-20mA	M2 G1/4	C Circular Connector	T2 -20~80°C	LE LED Display
		270 Explosion-Proof	G Wireless	DP Differential Pressure	XM (0-XMPa)	3 0.10%	P4 220V	J1 Relay	M3 G1/2	CC Customized	T9 Customized	I Explosion-Proof
		280 80mm Dial Size LCD Display	F Peak Record	KF Clamp	CC Customized	4 0.50%	P5 380V	J2 Dual Relay	M4 1/2NPT			
		280 80mm Dial Size	V Vacuum Switch	DN Flange		5 0.25%	P6 12V	CC Customized	M5 1/4NPT			
		300 100mm Dial Size	W Water Pump Switch	9999 Customized		9 Customized	P9 Customized		M7 ZG1/4			
		380 80mm Dial Size LED Display							M9 Customized			
		560 Digital Remote-transmission										
		625 Contact 60mm Dial Size										
		825 Contact 80mm Dial Size										
PS	Pressure Switch	628 60mm Dial Size										
		828 80mm Dial Size										
		928 100mm Dial Size										
		650 Switch Box with Plastic Shell										
		600 Switch Box with Full Metal Shell										
700 Mechanical												
PC	Pressure Control	600 60mm Dial Size										
		800 80mm Dial Size										
		900 100mm Dial Size										

Remark: 1. This form is for whole Pressure Measurement and Pressure Control products, please read Product Date Sheet to get reference informations
2. If you may not find right information in this form, Please contact us to get future details

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