

Pressure Transmitter XY-PTMK11

Typical Feature

- Measurement Range 0~40MPa and optional
- Output 4-20mA, powered by 24VDC
- Stable performance resistance by variable-frequency interference design
- With Reverse Polarity Protection and Current Limiting Protection
- Laser compensation temperature compensation
- Stainless Steel material with fully sealed structure
- Customized structure diversification is available.















Brief Introduction










XY-PTMK11 Pressure Transmitter, is a general type pressure transmitter with cramped construction and micro electronical circuit to keep small size. It' simple installation and good electrical compatibility, diffusion silicon core make it has precision temperature compensation. The temperature ranges from -20oC to 80oC, so the temperature drift is $\pm 0.02\%FS/^{\circ}C$

Stainless steel shell and laser-welded construction, IP65 Ingress protection, insulating strength 500VDC, these electric and mechanical performance allow it to withstand most harsh rugged application environments with high precision, fast response, small size, light-weight, stable and reliable, strong overload capacity characteristics; It is designed for most medium in industry, such as air, steam, oil, water and other fluid; Powered by 24VDC, standard electrical signal output 4-20mA by 2-Wire cable , and 0~5V and 0~10V by 3-Wire cable; Measurement range 0~40MPa, other customized measurement range is available; Thoughtful specialized electric circuit design; high accuracy 0.5% FS; Long-Term Stability $\pm 0.02\%/FS/Year$.

XY-PTMK11 low cost pressure transmitter/transducer can be used in general application like water plant, oil refinery factory, wastewater treatment, construction industry, machinery and other industry and process filed. Machinal joint include thread, flush diaphragm, clamp, flange, radiator and differential two-way fitting.

Suggested Applications

-  Water works
-  Sewage treatment plants
-  Building materials & light industry
-  Mechanical Manufacture
-  Other application that require battery power
-  Machine building and automation
-  Heating, Ventilation and Air Handling
-  Industrial and medical gases
-  Mobile Working Machines
-  Refrigeration
-  Semiconductor Industry
-  Food and Beverage

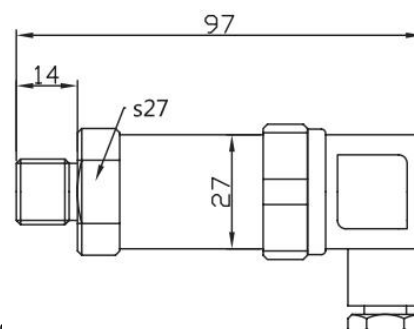
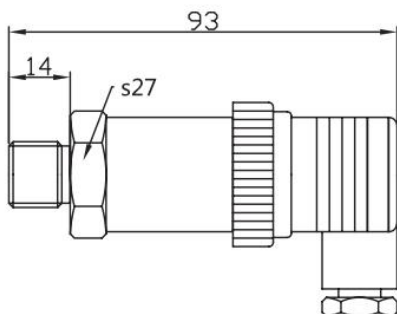
-  Oil and Gas (Up-, Mid- and Downstream)
-  Petrochemical Industry
-  Chemical Industry
-  Pharmaceuticals and Biotechnology
-  Power Generation
-  Water and Waste Water
-  Basic Materials
-  Fire Protection
-  Agricultural Irrigation

More details for XY-PTMK11, please contact us.

Specification

Model	XY-PTMK11
General Pressure Range	0...1...1.6...10...25...40MPa, Offer customized range
Pressure Type	Gauge Pressure Test
Dimension	Diameter Φ27
Overload Capacity	150%
Insulating Strength	500VDC
Measurement Medium	Gas or Liquid with Compatibility of SS 304
Output Single	4-20mA; Optional 0-5V and 0-10V
Power Supply	24VDC
Accuracy	0.5%FS
Long-Term Stability/Year	Typical: ±0.2% FS/Year
Zero Temperature Drift	Typical: ±0.02%FS/°C; Maximum ±0.05%FS/°C
Sensitivity Temperature Drift	Typical: ±0.02%FS/°C; Maximum ±0.05%FS/°C
Response Time	≤2ms
Operation Temperature	-20 ~ 80°C
Compensation Temperature	-10 ~ 60°C
IP Protection Class	IP65

Dimension(mm)



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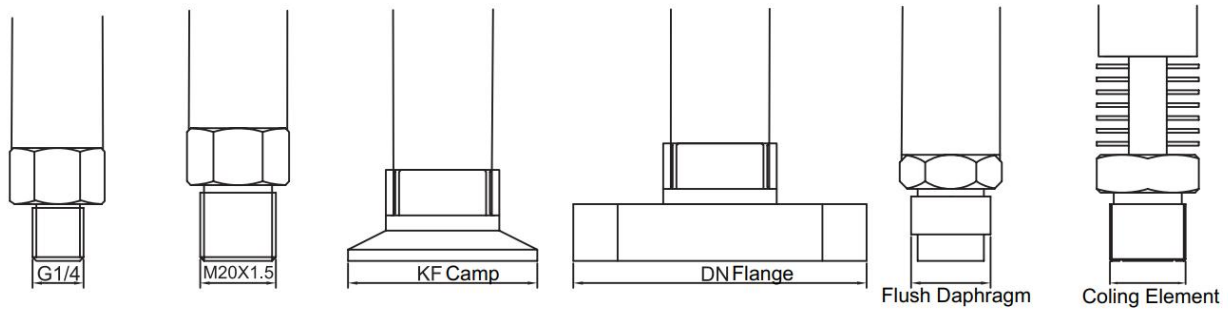
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All sales subject to standard terms and conditions

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Mechanical Connection(mm)



Electronic Connector

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

How To Order

XY-PT	G	KF	4M	1	A	P2	M3	B1	T1	L
Type	Pressure Connection	Pressure Range	Accuracy	Output	Power	Thread	Electrical Connection	dium Temperat	Additional	
G	None	XK (0-XKPa)	1	0.15%	A 4-20mA	P1 5V	M1 M20*1.5	A HIRSCHMANN	T1 -20~80°C	L With Display
GA	P Diaphragm Seals	XB (0-XBar)	2	0.25%	R RS485	P2 24V	M2 G1/4	B Cable Outlet	T2 -20~120°C	I Explosion-Proof
DP	DP Differential Pressure	XM (0-XMPa)	3	0.50%	V1 0-10V	P3 12-28V	M3 G1/2	C Circular Connector	T3 0~150°C	
GR	IoT	CC Customized	4	1.00%	V2 0-5V	P6 12V	M4 1/2NPT	CC Customized	T9 Customized	
GT	Temperature & Pressure		9	Customized	V3 0.5-4.5V	P9 Customized	M5 1/4NPT			
MT	Mini Thickness	1210 Explosion Proof			CC Customized		M7 ZG1/4			
MK	Economic	9999 Customized					M9 Customized			
HF	High Frequency									
A	Air Conditioning									
B	Ink Corrosion Resistance									
C	Air Compressor									
M	Hydraulic Pressure									
W	Water Pressure									

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