

Digital Pressure Gauge XY-PG270

Typical Feature

- ☐ Wireless transmission GPRS/LORa/NB-iot options
- ☐ Remote configuration or key setting IP address
- ☐ Alarm point, upload frequency and so on (GRPS/NB)
- ☐ Equipped with gateway, efficiency pressure monitoring in LAN(LORa)
- ☐ Multiple Pressure Unit Switch
- ☐ Low power design, optional battery and power supply
- ☐ Accuracy level: Pressure 0.5% and 1.0%
- ☐ Pressure range -0.1~0...0.01...0.1...1.6...10...200MPa
- ☐ SS304 shell and joint, 316L diaphragm



Brief Introduction











XY-PG270 Wireless Digital Pressure Gauge is low power consumption and wireless output, wireless communication protocol can be optional GPRS, LORa-iot, NB-iot. The welding pressure sensor was built-in to display accurately in real time, at the same time it has high precision and long-term stability; casting aluminum shell and stainless-steel joint with good shock resistance, thus it is suitable to measure gas, liquid, oil and others medium without corrosion for stainless steel.

These series Digital Pressure Gauge is equipped with large-sized LCD display, it's easy to read data on site, at the same time upload record to cloud servers, upload rate is adjusted from 1 minute to 24 hours, preset high-limit and low-limit pressure alarm point, it will trigger to update single by event and timing.

It's a real perfect wireless digital pressure gauge for fire water pipe network, fire alarm station, fire pump room, water supply, petrochemical and others filed required remote monitoring. It is alternative for the system involved by pressure transmitter, transmission module and power distribution box, consider its small size, convenient installation and cost-effective.

There are three combination about power supply: lithium battery power supply; lithium battery& power supply, Xuyan recommend lithium battery& power supply, it is safest solution once city power was cut off, the battery support 10K times data upload.

Suggested Applications

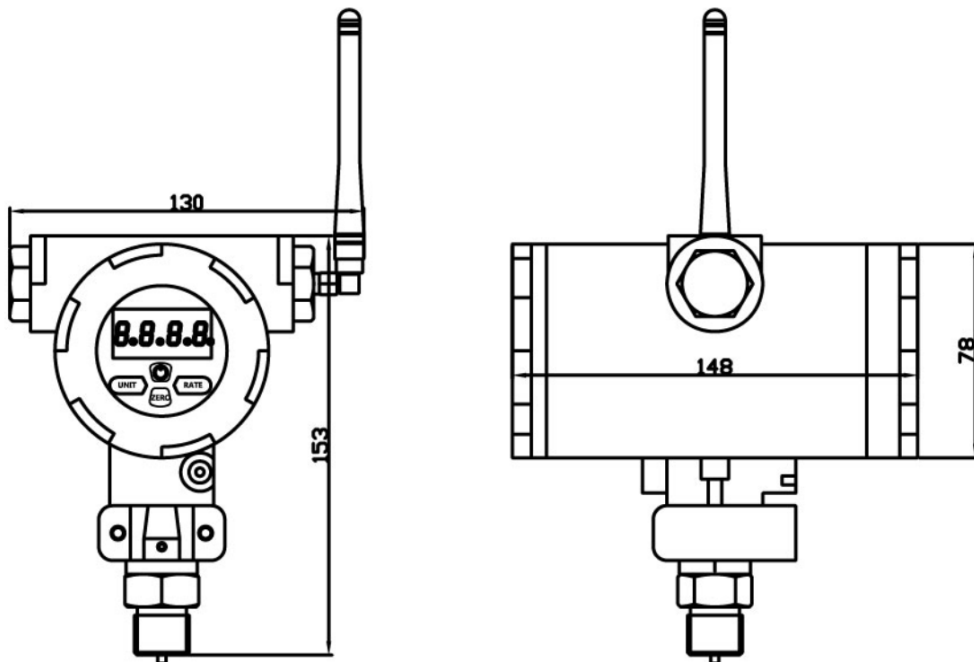
-  Water Treatment System
-  Water Pump and Air compressor
-  Fire Water Pipe Network
-  Fire Alarm Station
-  Fire Hydrant
-  Fire Pump Room
-  Water Supply
-  Petrochemical
-  Hydraulic and Pneumatic Systems
-  Customized Applications

More details for XY-PG270, please contact us.

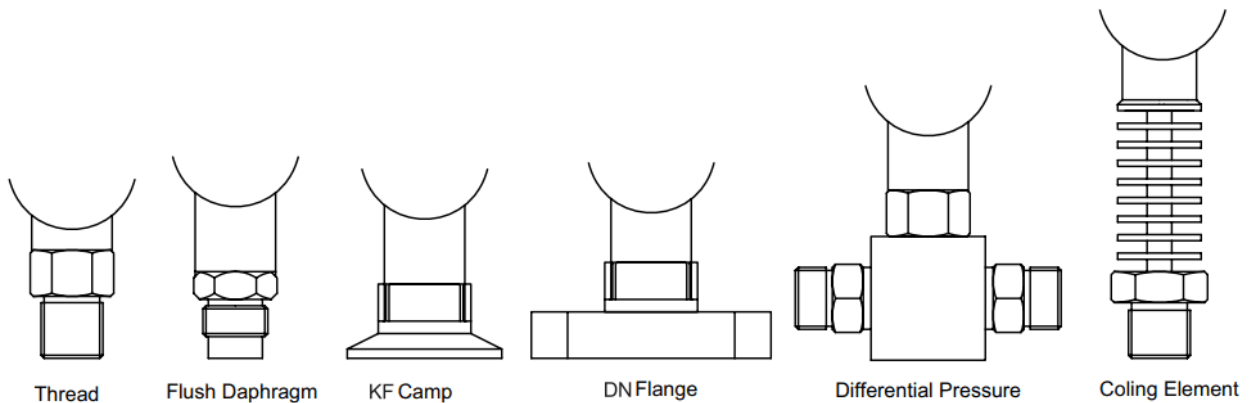
Specification

Model	XY-PG270
Vacuum Pressure Range	0~-100KPa
Composite range	(-0.1~0.1) (-0.1~0.25) (-0.1~0.4) (-0.1~0.6) (-0.1~1.0) (-0.1~2.5) MPa (-2.5~2.5) (-5~5) (-10~10) (-25~25) (-50~50) KPa
Gauge Pressure Range	(0~160) (0~250) (0~400) (0~600) KPa (0~1) (0~1.6) 0~100) MPa
Micro-pressure Range	(0~2) (0~5) (0~10) (0~25) (0~50) (0~100) KPa
Pressure Type	Gauge Pressure Test, Vacuum Pressure Test
Overload Capacity	200%(≤10MPa); 150%(>10MPa)
Measurement Medium	Gas or Liquid with Compatibility of SS 304
Accuracy Level	0.5%FS ;1.0%FS
Long-Term Stability/Year	Typical: ±0.25% FS
Operation Temperature	-20 ~ 60°C;
Compensation Temperature	0 ~ 60°C
Working Humidity	<85%
Sample Frequency	1~600 Second/time available
Upload Rate	1~1440 Minutes available
Display	4 digits LCD, white backlit display
Alarm Point Set	High & Low alarm points can be set within range
Certifaction	CE, EXIBII CT4
Power Supply	3.6V by lithium Battery or 12/24V power options

Dimension(mm)



Mechanical Connection(mm)



How To Order

XY-	PG	280	E	P	60M	1	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	XX (0-XXPa)	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-XXBar)	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-XXMPa)	3 0.10%	PA 220V	J1 Relay	M3 G1/2	CC Customized	T3 Customized	TE Explosion-Proof
		280 80mm Dial Size LCD Display	F Peak Record	KF Clamp	CC Customized	4 0.50%	PS 380V	J2 Dual Relay	M4 1/2NPT			
		260 60mm 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	P8 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										
925 Contact 90mm Dial Size												
PS	Pressure Switch	628 60mm Dial Size										
		828 80mm Dial Size										
		928 100mm Dial Size										
		650 Switch Box with Plastic Shell										
		800 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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