

Digital Pressure Gauge XY-PG300Z

Typical Feature

- Dial diameter 100 mm, Panel Mount
- With 4-Digits LED Display.
- Accuracy level: 0.5%FS
- Weld measurement pressure range(0~160MPa), or customized
- Powered 12VDC or 24VDC; 220VAC and 380VAC are optional
- Multi pressure multiunit switching (PSI/Kg.F/cm²/MPa)
- One key Reset



Brief Introduction






XY-PG300Z is Panel Mount Digital Pressure Gauge with LED Display, which was built-in high accuracy pressure sensor, it displays real time pressure at short response time, the typical characteristics are high accuracy and excellent long-term stability, designed for Pressure Container, Air Compressor, Automated Machine and Heat Pump Industry, it's very good alternative for Mechanical Pressure Gauge.

The Digital Pressure Gauge has LED display with 4-Digits. There are 2 buttons on front panel to control Reset, unit converting. It is easy to install in Pipeline, Isolation Tank or others connects device, easy to set up operating parameter. Working condition is -20~80°C.

It has 304 stainless steel shell and connect joint, can be used in measuring gas, liquid, oil and other medium it has very good shock resistance and long working life.

XY-PG300Z Digital Pressure Gauge is powered by 12VDC or 24VDC, 220VAC and 380VAC are optional. There are weld Measurement Range 0~160MPa, others measurement ranges are optional. Machinal joint include Thread, Flush Diaphragm, Clamp, Flange, Radiator and Differential Two-way Fitting.

Suggested Applications

-  Pressure Container,
-  Air Compressor
-  Automated Machine
-  Heat Pump Industry
-  Customized Application

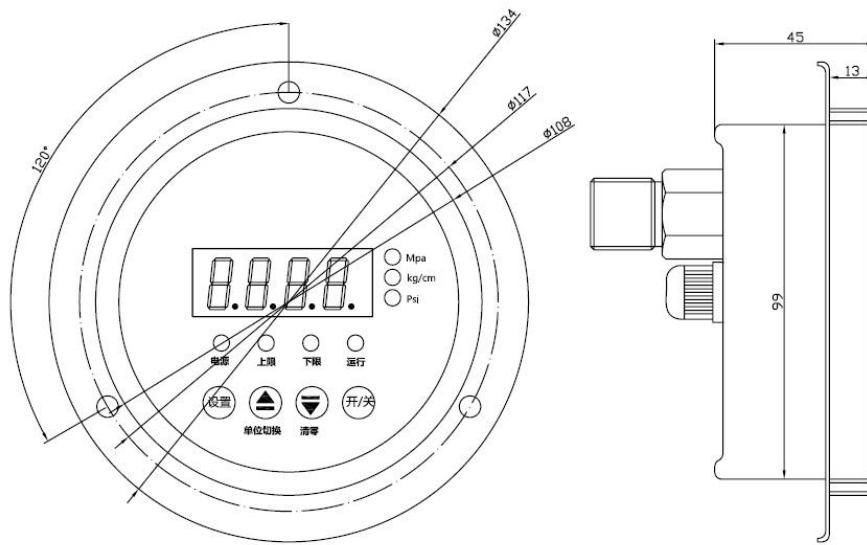
More details for XY-PG300Z, please contact us.

Specification

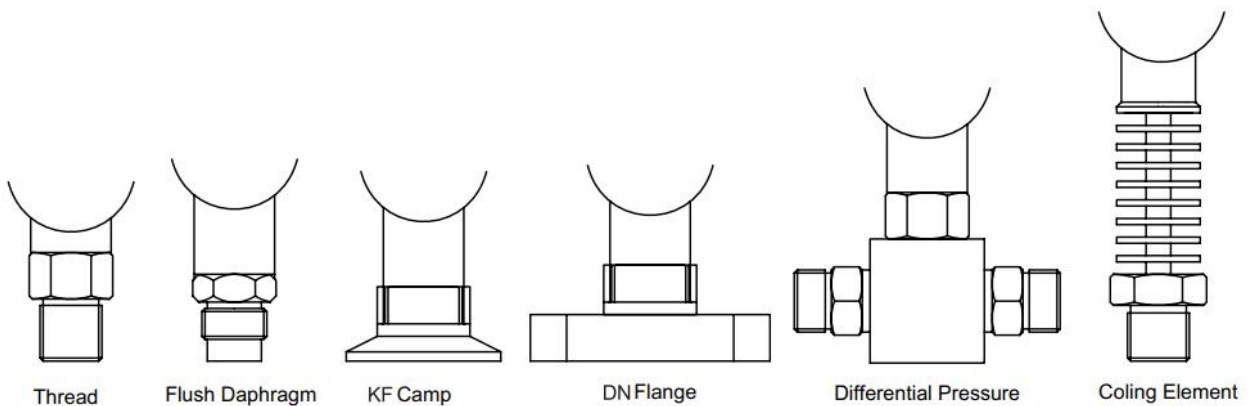
| Model | XY-PG300Z |
|----------------------|---|
| Gauge Pressure Range | 0~100KPa~1MPa~1.6~5~10~25~40~160MPa |
| Pressure Type | Gauge Pressure Test |
| Dimension | Diameter Φ100 |
| Overload Capacity | 150% |
| Measurement Medium | Gas or oil or other Liquid with Compatibility of SS 304 |
| Accuracy Level | 0.5%FS; |

| | |
|--------------------------|--|
| Long-Term Stability/Year | Typical: $\pm 0.5\%$ FS; |
| Sample Frequency | 5 times/Second |
| Display | 4 digits LED |
| Operating temperature | -20~80oC |
| Compensation Temperature | -10~60oC |
| Power Supply | 12VDC,24VDC or 220VAC and 380 are optional |
| Power | $\leq 0.5W$ |

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 | 280 High Accuracy | E Lower Mount | None General Thread | 1K (0-10Pa) | 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 | 1B (0-1Bar) | 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 | 1M (0-1MPa) | 3 0.10% | PA 120V | J1 Relay | M3 G1/2 | CC Customized | T3 Customized | TI Explosion-Proof | |
| | | 280 80mm Dial Size LCD Display | F Peak Record | 1F Clamp | OC Customized | 4 0.50% | PS 280V | J2 Dual Relay | M4 1/20PT | | | | |
| | | 260 60mm Dial Size | V Vacuum Switch | DN Flange | | 5 0.25% | PK 12V | CC Customized | M5 1/40PT | | | | |
| | | 380 100mm Dial Size | W Water Pump Switch | 9999 Customized | | 9 Customized | PS Customized | | M7 G1/4 | | | | |
| | | 380 80mm Dial Size LED Display | | | | | | | M9 Customized | | | | |
| | | 360 Digital Remote Transmission | | | | | | | | | | | |
| | | 825 Contact 60mm Dial Size | | | | | | | | | | | |
| | | 825 Contact 80mm Dial Size | | | | | | | | | | | |
| PS | Pressure Switch | 630 60mm Dial Size | | | | | | | | | | | |
| | | 828 80mm Dial Size | | | | | | | | | | | |
| | | 928 100mm Dial Size | | | | | | | | | | | |
| | | 650 Switch Box with Plastic Shell | | | | | | | | | | | |
| PC | Pressure Control | 680 60mm Dial Size | | | | | | | | | | | |
| | | 880 80mm Dial Size | | | | | | | | | | | |
| | | 980 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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