

Digital Pressure Switch XY-PS628E

Typical Feature

- Stainless steel 304 shell, dial diameter $\Phi 60\text{mm}$
- 4-Digits LED Display,
- Multi-unit convert MPa/Kgf/cm²/PSI
- Accuracy level:0.5%FS
- Power supply 24VDC; Optional 220VAC
- Dual relay, output signal NONC
- High precision, quick response time, stable and easy setting up



Brief Introduction











XY-PS628E is an Intelligent Digital Pressure Switch, with 60mm diameter stainless steel shell, integrating pressure measurement, display and control function. It has a variety of excellent functions, such as one-button reset, Multi-pressure Unit Converting and it's easy to reset setting, adjusting and installation.

Two relays are built in, this series of digital pressure switches have dual relays, which can be set up two ways of normally open and normally close alarm points separately, also are able to control two ways of high and low pressure of air or liquid, in addition, it is with one key reset, at the same time, calibration, shifting display unit, setting return difference and others option functions.

The intelligent pressure switch is equipped with high-precision instrument amplifier to amplify pressure signal, built-in temperature compensation sensor, is the high precision equipment for detecting and monitoring pressure, strong anti-electromagnetic interference (EMI), surge protection, reverse protection and so on

XY-PS628E Intelligent Digital Pressure Switch can be widely used in Automatic System, Mobile Working Machines, Medical Equipment, Pump, Compressor, Energy and Water Treatment, Agricultural Equipment, Test System, Hydraulic System and Pneumatic System.

Suggested Applications

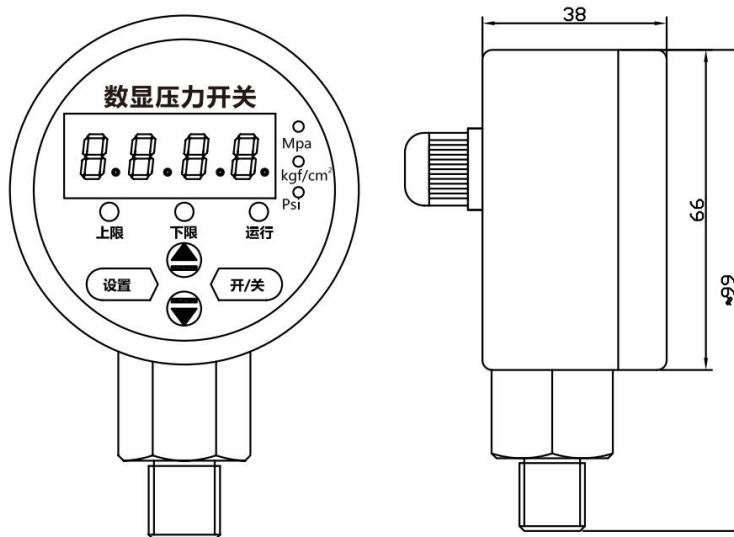
-  Equipment Automation
-  Mobile Work Machine
-  Water Pump and Air compressor
-  Electromechanical Equipment Automation
-  Energy and Water Treatment System
-  Medical Equipment
-  Hydraulic and Pneumatic Systems
-  Agricultural Equipment
-  Test Jig
-  Customized Applications

More details for XY-PS628E, please contact us.

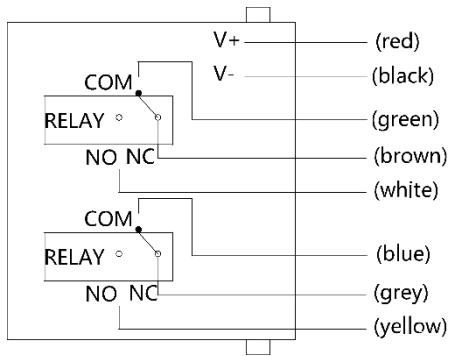
Specification

| | |
|---------------------------|--|
| Model | XY-PG628E |
| Gauge Pressure Range | 0~0.2~1.0~1.6~5~10~25~40~60~100~160MPa |
| Mirco Pressure Range | 0~5~10~25~40~60~100KPa |
| Vacuum Pressure Range | -100~0KPa |
| Overload Capacity | 200% (≤ 10 MPa); 150% (> 10 MPa) |
| Measurement Medium | Gas or oil or other Liquid with Compatibility of SS 304 or 316 |
| Accuracy Level | 0.5%FS; |
| Long-Term Stability/Year | Typical: $\pm 0.5\%$ FS; |
| Alarm Point | Any pressure @whole measurement range |
| Output | Relay; NONC |
| Load Capacity | 220VAC 3A |
| Display | 4 digits LED |
| Operating temperature | -20~80°C |
| Compensation | -10~70°C |
| Power Supply | Optional 12VDC or 24VDC |
| Electrical Protection | Anti-EMI; Reverse connection protection (Current Power Supply) |
| Sampling Frequency | 3 times/Second |
| Standard Mechanical Joint | M20*1.5; NPT1/4, G1/4, Customized types |
| Electronic Connection | Circular Connector |

Dimension(mm)



Output



| Function | Connection Method |
|---|---|
| Alternative Contact Pressure Gauge | Low Alarm Point: Brown |
| | High Alarm Point: Yellow |
| | Common Port: Green and Blue connect in parallel |
| Low Pressure Close, High Pressure Open | Output: Brown+Green |
| | Set AL and Hysteresis Ad1 |
| Low Pressure Open, High Pressure Close | Output: Yellow+Blue |
| | Set AHand Hysteresis Ad2 |
| Double High Pressure Alarm (High Pressure Close) | A Way: White+Green(Set AL) |
| | B Way: (Blue+Yellow(Set AH) |

How To Order

| XY- | PG | 280 | 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 (0-2KPa) | 1 0.40% | P0 Battery | R RS485 | M1 M20*1.5 | B Cable Outlet | T1 -5~40°C | LC LED Display | |
| | 210 High Accuracy Pressure&Temperature | Z Panel Mount | P Diaphragm Seals | XB (0-2Bar) | 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 (0-2MPa) | 3 0.10% | P4 220V | J1 Relay | M3 G1/2 | CC Customized | T9 Customized | LI Explosion-Proof | |
| | 280 80mm Dial Size LCD Display | F Peak Record | RF Clamp | LC Customized | 4 0.50% | P1 380V | J2 30mA Relay | M4 1/2NPT | | | | |
| | 360 60mm Dial Size | V Vacuum Switch | DM 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 2G1/4 | | | | |
| | 380 80mm Dial Size LED Display | | | | | | | M8 Customized | | | | |
| | 500 Digital Remote-Transmission | | | | | | | | | | | |
| | 855 Contact 60mm Dial Size | | | | | | | | | | | |
| | 825 Contact 80mm Dial Size | | | | | | | | | | | |
| PS Pressure Switch | 608 60mm Dial Size | | | | | | | | | | | |
| | 608 80mm Dial Size | | | | | | | | | | | |
| | 928 100mm Dial Size | | | | | | | | | | | |
| | 660 Switch Box with Plastic Shell | | | | | | | | | | | |
| | 600 Switch Box with Full Metal Shell | | | | | | | | | | | |
| PC Pressure Control | 600 60mm Dial Size | | | | | | | | | | | |
| | 600 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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