

Digital Pressure Controller XY-PC800

Typical Feature

- Plastic shell, dial diameter $\Phi 80\text{mm}$
- 4-Digits LED Display,
- Multi-unit convert MPa/Kgf/cm²/PSI
- Accuracy level:0.5%FS
- Power supply 12 or 24VDC; Optional 220VAC
- Relay output signal NONC
- High precision, quick response time, stable and easy setting up



Brief Introduction











XY-PC800 is an Intelligent Digital Pressure Controller, with 80mm diameter Plastic 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.

This series of digital pressure controller has one relay, which can be set up normally open and normally close; these alarm points to control 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 controller 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-PC800 Intelligent Digital Pressure Controller 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

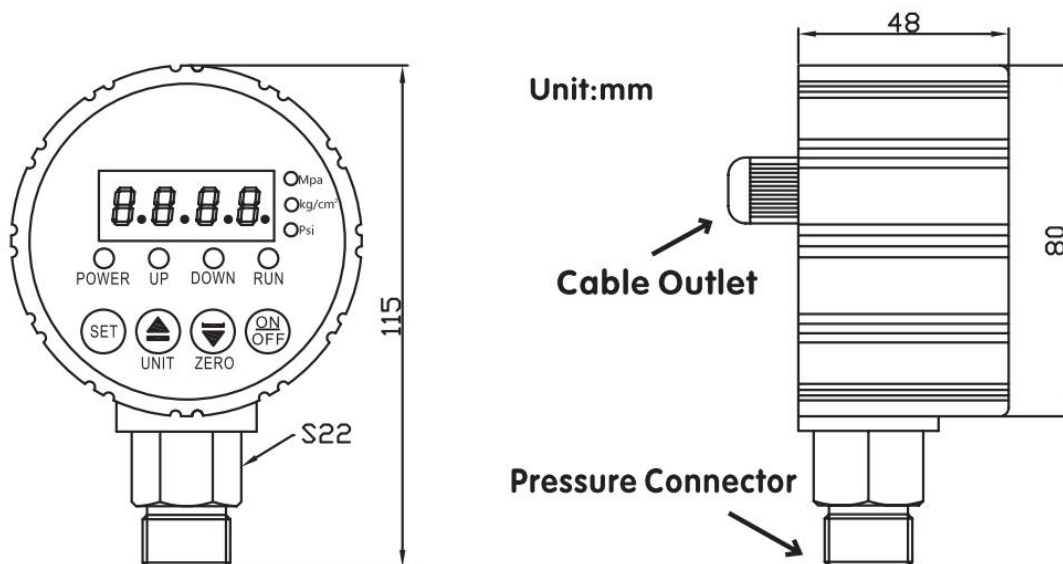
-  Equipment Automation
-  Mobile Work Machine
-  Water Pump and Air compressor
-  Electromechanical Equipment Automation
-  Energy and Water Treatment System
-  Medical Equipment
-  Hydraulic and Pneumatic Systems
-  Agricultural Equipment
-  Test Jig
-  Customized Applications

More details for XY-PC800, please contact us.

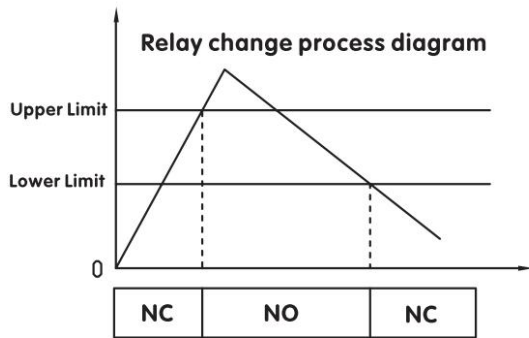
Specification

| | |
|--------------------------|--|
| Model | XY-PC800 |
| Gauge Pressure Range | 0~0.2~0.6~1.0~1.6~2.5~5~10~25~40~60~100~160MPa |
| Micro Pressure Range | 0~5~10~25~50~100KPa |
| 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; |
| Sampling frequency | 5times/second |
| Alarm Point | Any pressure @whole measurement range |
| Output | Relay Signal |
| Relay Capacity | 220VAC 5A; 24VDC 5A |
| Electric protection | Short-circuit protection; Reverse connect protection; Anti-EMI |
| Display | 4 digits LED |
| Operating temperature | -20~80°C |
| Compensation | -10~60°C |
| Power Supply | 12/24VDC |
| Mechanical Connector | M2081.5; G1/2; G1/4 |

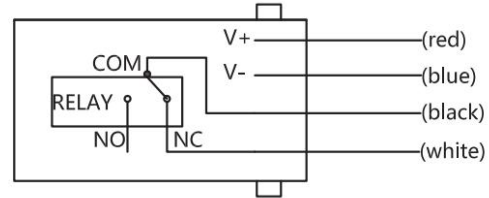
Dimension(mm)



Output



Outlet Line



***Reverse control is available
(Low pressure to start, high pressure to stop)**

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 | XX (0-2kPa) | 1 0.40% | P0 Battery | B RS485 | M1 M20x1.5 | B Cable Outlet | T1 -5~40°C | LC LCD 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 | LF 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 | I1 Explosion-Proof |
| | | 280 80mm Dial Size LCD Display | F Peak Record | KE Clamp | LC Customized | 4 0.50% | P5 380V | J2 Dual Relay | M4 1/2NPT | | | |
| | | 280 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 | P9 Customized | | M9 Customized | | | |
| | | 380 80mm Dial Size LED Display | | | | | | | | | | |
| | | 480 Digital Remote-Transmission | | | | | | | | | | |
| | | 605 Contact 60mm Dial Size | | | | | | | | | | |
| | | 605 Contact 80mm Dial Size | | | | | | | | | | |
| PS | Pressure Switch | 408 80mm Dial Size | | | | | | | | | | |
| | | 508 80mm Dial Size | | | | | | | | | | |
| | | 508 100mm Dial Size | | | | | | | | | | |
| | | 600 Switch Box with Plastic Shell | | | | | | | | | | |
| | | 600 Switch Box with Full Metal Shell | | | | | | | | | | |
| PC | Pressure Control | 100 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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