Digital Pressure Controller XY-PC900Z

Typical Feature

- ☐ Stainless steel 304 shell, Panel Mount dial diameter Φ100mm
- ☐ 4-Digits LED Display,
- ☐ Multi-unit convert MPa/Kgf/cm^2/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-PC900Z is a Panel Mount Intelligent Digital Pressure Controller, with 100mm 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.

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-PC900Z 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-PC900Z, please contact us.

All specifications are subject to change without notice

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Specification

Model	XY-PC900Z
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% (≤10MPa); 150%(>10MPa)
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: ±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)

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Output

Relay change process diagram

Upper Limit

Lower Limit

0

| NC | NO | NC |

Outlet Line

COM
RELAY
NO   NC
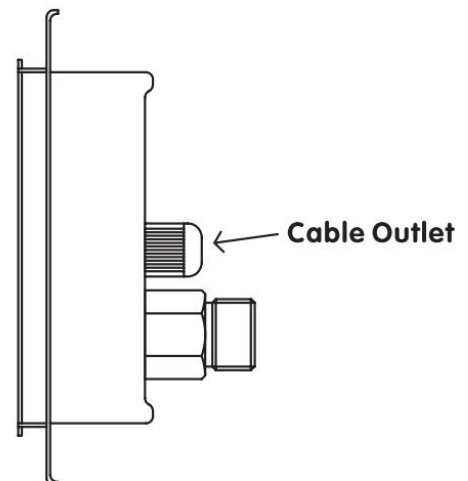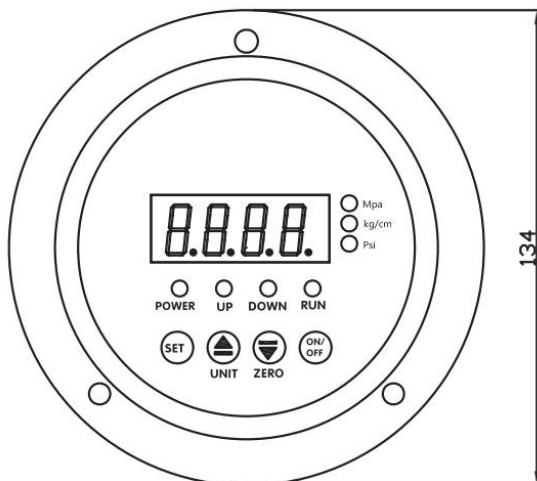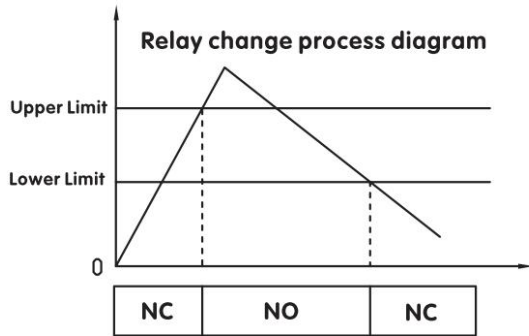
V+ ——(red)
V- ——(blue)
——(black)
——(white)
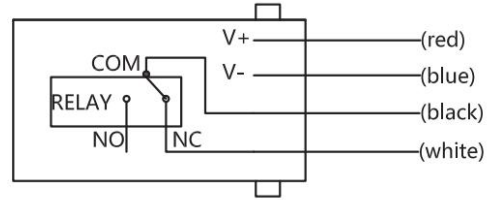
*Reverse control is available
(Low pressure to start, high pressure to stop)

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	XK (0-XKPa)	1 0.40%	P0 Battery	R RS485	M1 M20*1.5	B Cable Outlet	T1 -5~40℃	LC LCD Display
	210	High Accuracy Pressure&Temperture	Z Panel Mount	P Diaphragm Seals	XB (0-XBar)	2 0.20%	P2 24V	A 4-20mA	M2 G1/4	C Circular Connector	T2 -20~80℃	LE LED Display
	270	Explosion-Proof	G Wireless	DP Differential Pressure	XM (0-XMPa)	3 0.10%	P4 220V	J1 Relay	M3 G1/2	CC Customized	T9 Customized	I Explosion-Proof
	280	80mm Dial Size LCD Display	F Peak Record	KF Clamp	CC Customized	4 0.50%	P5 380V	J2 Dual Relay	M4 1/2NPT			
	260	60mm Dial Size	Y 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		M7 ZG1/4			
	560	Digital Remote-transmission							M9 Customized			
	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										
	600	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 referance informations
2. IF you may not find right information in this form, Please contact us to get future details

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