Pressure and level transmitters

Electronic Pressure Switch, OLED Display, Relay Output

Model CS-PT623

Electronic pressure switch with an OLED display and relay output, covering 0 ... 0.07 to 0 ... 1000bar with ±0.5%F.S standard accuracy and IP65 protection.



Range
0 ... 0.07 to 0 ... 1000bar

Output
4–20mA and Relay Output

Protection
IP65

Features

- Switch head rotates 330°
- Relay and 4–20mA output
- Switch points set separately for each
- SS304 casing
- Over-voltage and reverse voltage protected

Applications

Industrial automatic control, Gas and liquid pressure monitoring, Machinery

Specifications

Performance specifications

Reference conditions	Temperature: 25°C; power supply: 24VDC; relative humidity: 45%~75%; ambient atmospheric pressure: 86KPa~106KPa
Pressure range	0 ... 0.07 to 0 ... 1000bar
Proof pressure	≥150%F.S
Accuracy at 25°C	±0.5%F.S standard,±0.25%F.S and ±1%F.S optional, include no-linearity, hysteresis, repeatability, and calibration error
Long-term stability.	±0.25%FS/year
Response time	≤10ms
Operating temperature	-20–60°C, but can’t beyond the temperature of seal material
Storage temperature	-20°C~60°C, but can’t beyond the temperature of seal material
Output signal note 1	4–20mA and Relay Output

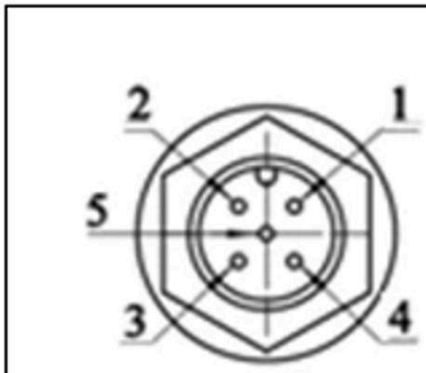
Supply voltage(u)	24VDC default, allowed 24±5VDC
Current output load	≤ (U－12) / 0.023 Ω
Relay output load	≤1000mA
Overvoltage	32VDC
Reverse voltage	-30VDC
Insulate resistance	≥100MΩ@100VDC
IP rating	IP65
Random vibration	10g, 5–2000Hz
Shock	X/Y/Z, 20g, sine 11ms
Pressure connector	G1/2, G1/4, M20*1.5, NPT1/2, NPT1/4 and others
Connector material	304 stain steel default, 316L stain steel and Titanium optional

Ordering and support

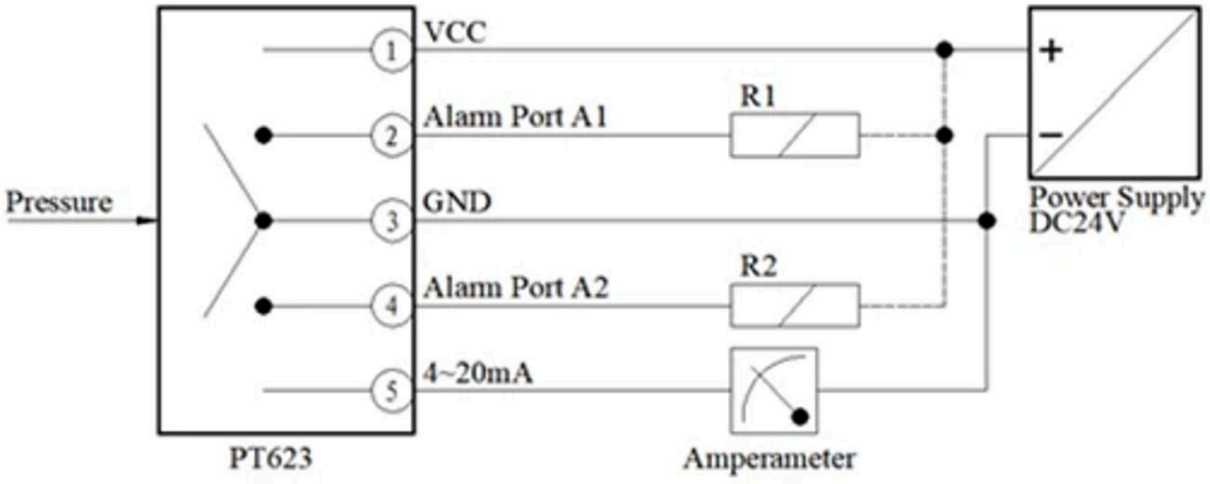
Pricing, samples, lead time and custom versions: dwinsales@163.com, +86 181 0280 8901.

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Dimensions and wiring



Pin	Define	Color
1	VCC	Brown
2	Alarm Port A1	White
3	GND	Blue
4	Alarm Port A2	Black
5	4~20mA Output	Gray



Drawings are for reference. Dimensions in millimetres unless stated.