Pressure and level transmitters

Ceramic Pressure Transmitter, GX12, 10/16/25bar Ranges

Model CS-PT1109

Compact ceramic piezo-resistive pressure transmitter offered in 0~10/16/25bar gauge ranges, with 4~20mA output, 1.5%BFSL accuracy, GX12 connector and G1/4 port.



Range	Accuracy
0–10/16/25bar Gauge	±1.5% F.S. -20–85°C
Output	**Supply voltage**
4–20mA	10–30VDC

Features

- Ceramic piezo-resistive sensing element
- GX12 electrical connection
- G1/4 pressure connection
- 10–30VDC supply
- Suitable for mass production

Applications

Air compressors, Hydraulic and pneumatic systems, Machinery manufacturing, General pressure measurement

Specifications

Performance parameters

Reference conditions	Temperature: 25°C, Power: 24VDC, RH: 45%~75%, Atmospheric pressure: 86KPa~106KPa
Pressure range	0–10/16/25bar Gauge
Output signal	4–20mA
Power supply (u+)	10–30VDC
Output load	≤ (U+ - 10) / 0.023Ω (MAX: 600Ω)
Over voltage	30VDC
Reverse voltage	-30VDC
Accuracy at room temperature operating temperature	±1.5% F.S. -20–85°C
Storage temperature	-20–85°C

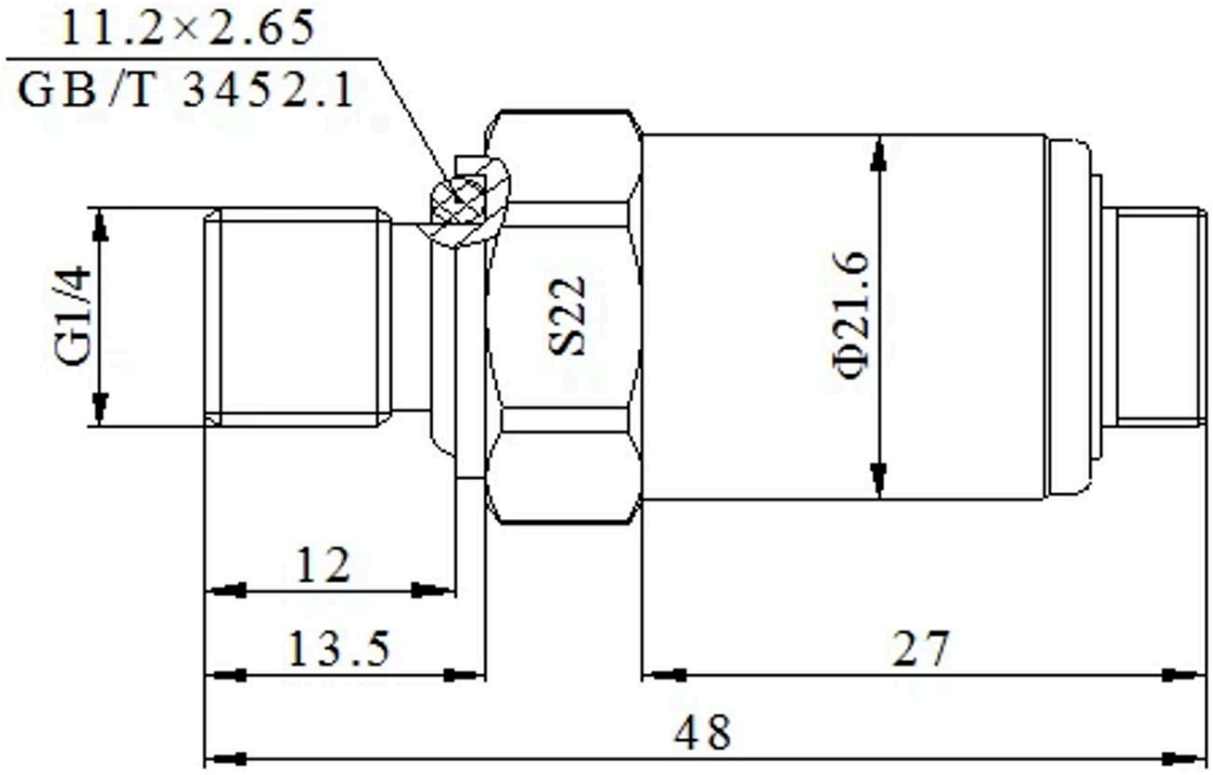
Long-term stability	±0.5%F.S / year
Settling time	(10%~90%) ≤10ms
Overload pressure	≥ 150%F.S
Burst pressure	≥ 200%F.S
Pressure connection	G1/4

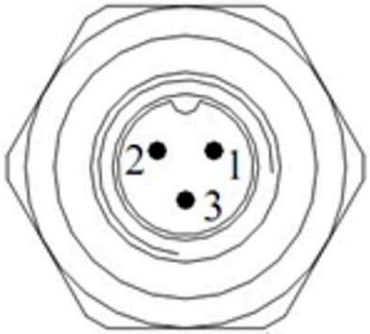
Ordering and support

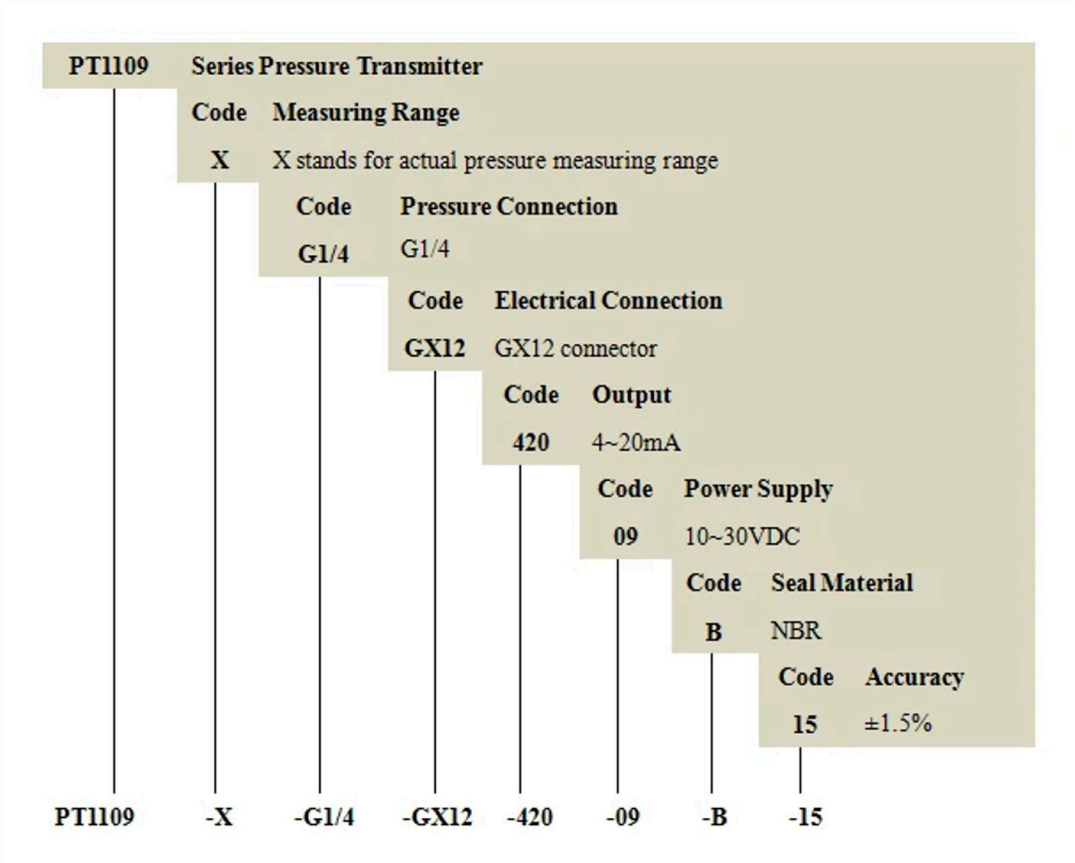
Pricing, samples, lead time and custom versions: dwinsales@163.com, +86 181 0280 8901.

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Dimensions and wiring



GX12	Pin	Definition	Wire Color
		Digital output	
	1	Power Supply+ (U+)	Brown
	2	Current Output (Io)	Blue
	3	Shield（PE）	Yellow



Drawings are for reference. Dimensions in millimetres unless stated.