Pressure and level transmitters

Ceramic Pressure Transmitter, GX12 Connector, 4–20mA

Model CS-PT1100B

Compact ceramic piezo-resistive pressure transmitter, 0~5...50bar gauge, with 4~20mA output, ±1.0%F.S accuracy, GX12 connector and G1/4 port.



Range	Accuracy
0–5...50bar Gauge	±1.0% F.S.
Output	**Supply voltage**
4–20mA	10–30VDC

Features

- Ceramic piezo-resistive sensing element
- GX12 electrical connection
- G1/4 pressure connection
- Medium temperature -30°C~120°C
- 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: 12VDC, RH: 45%~75%, Atmospheric pressure: 86KPa~106KPa
Pressure range	0–5...50bar 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	±1.0% F.S.
Medium temperature	-30°C~120°C
Ambient temperature	-20°C~85°C

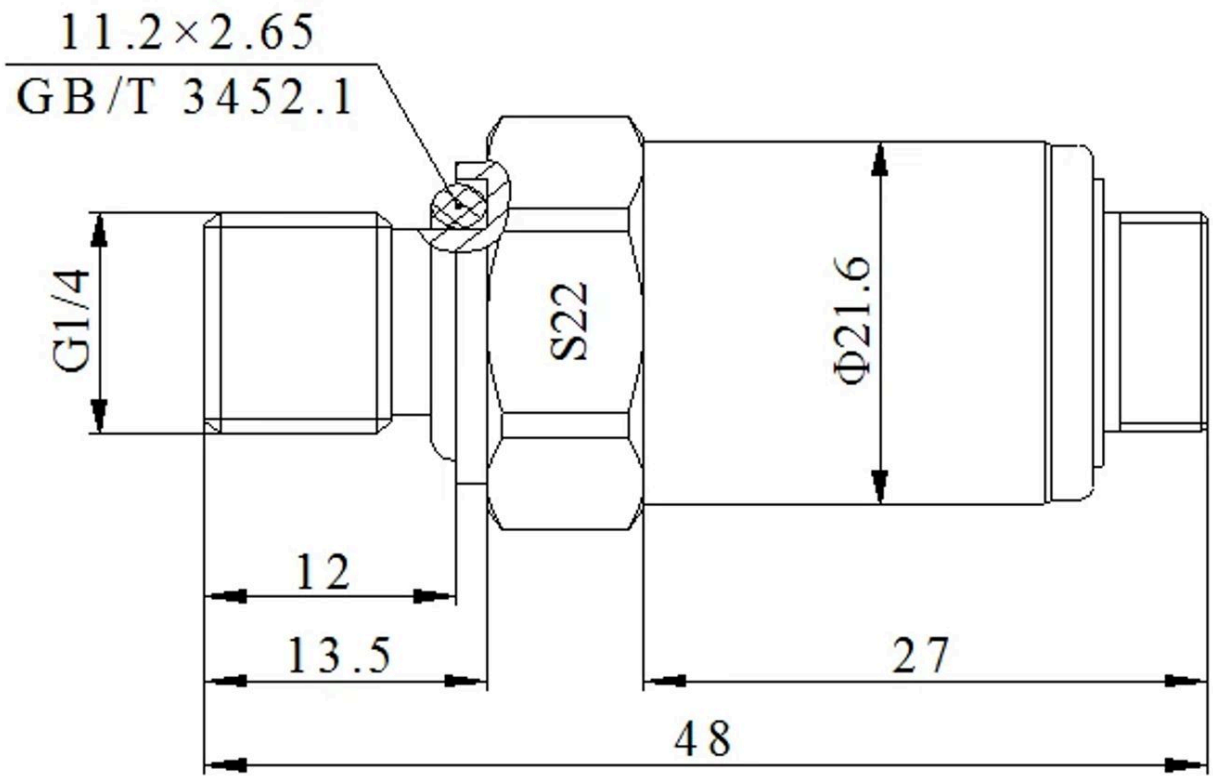
Storage temperature	-40°C~100°C
Long-term stability	±0.5%F.S / year
Settling time	(10%~90%) ≤10ms
Overload pressure	≥ 150%F.S
Burst pressure	≥ 200%F.S
Pressure connection	G1/4

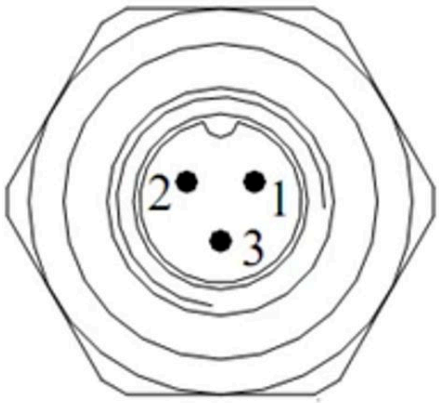
Ordering and support

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

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Dimensions and wiring



GX12	Pin	Definition
	1	Power Supply+ (U+)
	2	Current Output (Io)
	3	Shield（PE）

Drawings are for reference. Dimensions in millimetres unless stated.