Pressure and level transmitters

Ceramic Pressure Transmitter, 0.5–4.5V, Metri-Pack

Model CS-PT1100V

Compact ceramic piezo-resistive pressure transmitter, 0~5...50bar gauge, with 0.5-4.5V output on a 5VDC supply, ±1.0%F.S accuracy and Packard Metri-Pack connector.



Range	Accuracy
0–5...50bar Gauge	**±1.0% F.S.**
Output	Supply voltage
0.5-4.5V	**5VDC**

Features

- Ceramic piezo-resistive sensing element
- Packard Metri-Pack 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: 5VDC, RH: 45%~75%, Atmospheric pressure: 86KPa~106KPa
Pressure range	0–5...50bar Gauge
Output signal	0.5-4.5V
Power supply (u+)	5VDC
Output load	≥10kΩ
Over voltage	5.5VDC
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

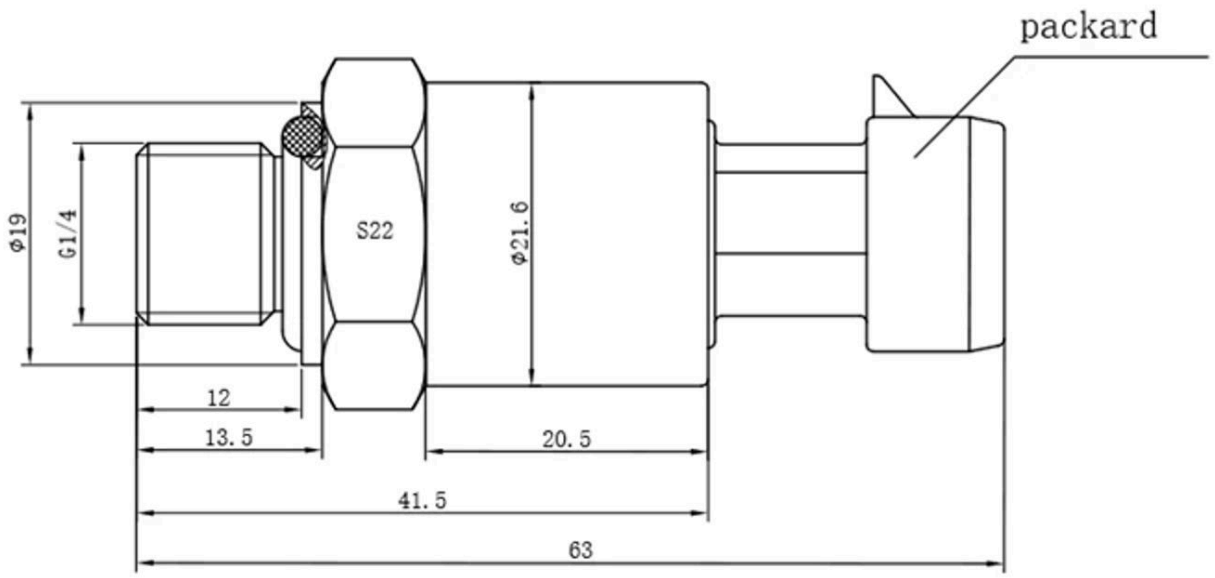
Long-term stability	±0.5%F.S / year
Settling time	(10%~90%) ≤10ms
Overload pressure	≥ 150%F.S
Burst pressure	≥ 200%F.S
Pressure connection	G1/4

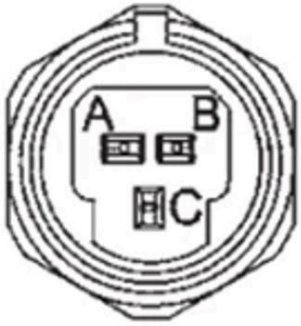
Ordering and support

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

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Dimensions and wiring



Packard Metri-Pack	Pin	Definition
	A	GND
	B	Power Supply+ (U+)
	C	Voltage Output (Vo)

Drawings are for reference. Dimensions in millimetres unless stated.