Pressure and level transmitters

Sputtered Film Pressure Transmitter, 4–20mA, M14×1.5

Model CS-PT830

Sputtered film pressure transmitter with a fully welded structure, 0–40Mpa range, 4–20mA output and ±0.5% F.S accuracy at room temperature.



Range	Accuracy
0–40Mpa	±0.5% F.S.
Output	**Protection**
4–20mA	≥ IP65

Features

- High overload and burst pressure
- No O-rings, no leakage risk
- M14×1.5 pressure connection
- 24VDC supply
- Medium temperature -43°C~105°C

Applications

Hydraulic and pneumatic systems, Pumps and compressors, Construction machinery, Machinery manufacturing

Specifications

Performance parameters

Reference conditions	Temperature: 25°C, power: 24VDC, RH: 45%~75%, Atmospheric pressure: 86KPa~106KPa
Pressure range	0–40Mpa
Output signal	4–20mA
Power supply (u+)	24VDC
Output load	≤ (U+ - 10) / 0.023Ω | (Max:600Ω)
Over voltage	30VDC
Reverse voltage	-30VDC
Accuracy at room temperature	±0.5% F.S.
Medium temperature	-43°C~105°C
Ambient temperature	-43°C~100°C

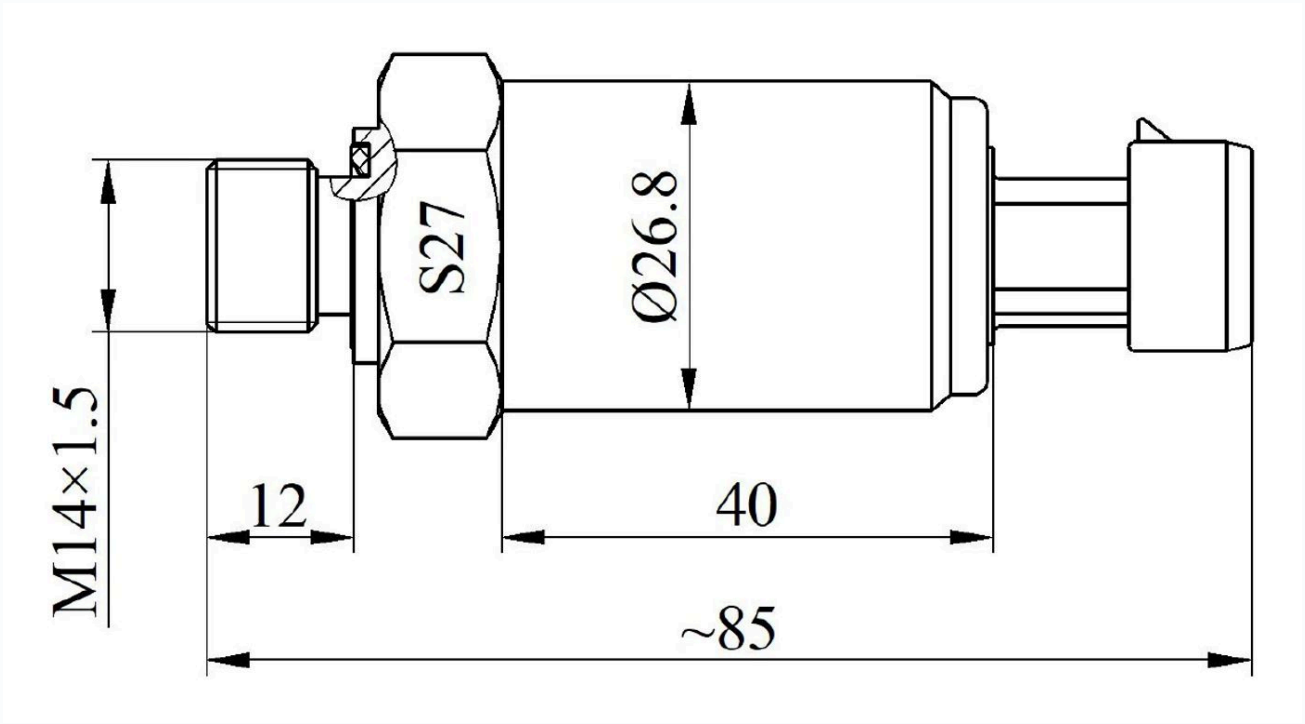
Long-term stability	±0.5%F.S / year
Settling time	(10%~90%) ≤10ms
Overload pressure	≥ 200%F.S
Burst pressure	≥ 300%F.S
Pressure connection	M14×1.5
Storage temperature	-43°C~100°C
Electrical connection	Packard
Housing material	316L stainless steel
Insulation resistance	≥ 100MΩ@100VDC
Vibration resistance	10g, 5–2000Hz
Shock resistance	20g, 11ms half sine
Ingress protection	≥ IP65

Ordering and support

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

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Dimensions and wiring



Drawings are for reference. Dimensions in millimetres unless stated.