Pressure and level transmitters

CO2 Pressure Transmitter, Ceramic Cell, Copper Tube

Model CS-PT1350

Ceramic piezoresistive pressure transmitter for carbon dioxide units, 0–5...250bar gage, with 4–20mA output, ±1.0%F.S accuracy and IP66 protection.



Range	Output
0–5...250bar (Gage)	4–20mA
Protection	**Supply voltage**
IP66	8–36 VDC

Features

- Φ6 x 60 copper process connection
- Packard electrical connection
- Brass shell
- 8–36 VDC supply
- Strong electromagnetic compatibility

Applications

Carbon dioxide units, Multi-line air conditioning, Precision computer room air conditioning, Air source heat pumps

Specifications

Performance specifications

Reference conditions	Temperature: 20–25°C; Power supply: 12VDC; Relative humidity: 45%~75%; ambient atmospheric pressure: 86KPa~106KPa;
Pressure range	0–5...250bar (Gage)
Overload pressure	≥150%F.S
Burst pressure	≥300%F.S
Accuracy at 25°C	±1.0%F.S (include no-linearity, hysteresis, repeatability, and calibration error)
Long-term stability.	±0.25%F.S/year
Response time	(10%~90%)≤10ms
Medium temperature	-30°C~115°C
Ambient temperature	-35°C~105°C
Storage temperature	-35°C~105°C

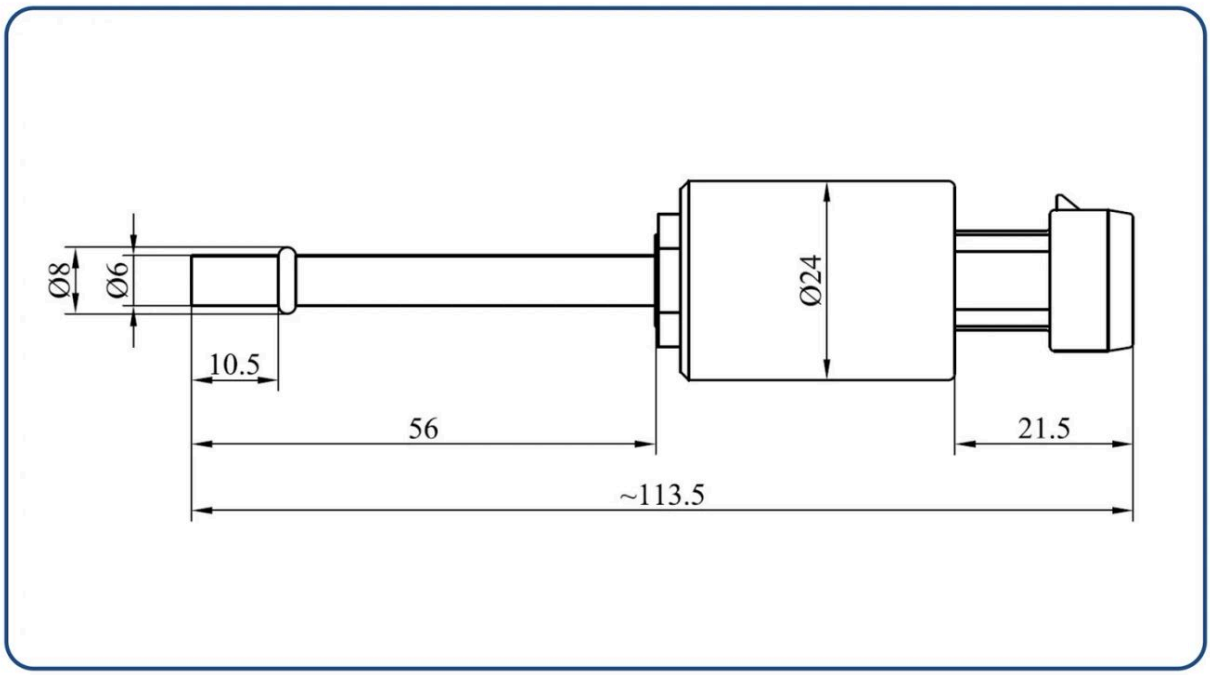
Output signal	4–20mA
Supply voltage	8–36 VDC
Output load	≤ (U－8) / 0.023 Ω(Max: 600Ω)
Overvoltage	36VDC
Reverse voltage	-30VDC
Insulate resistance	≥100MΩ@50VDC
IP rating	IP66
Random vibration	10g, 5–2000Hz
Shock	X/Y/Z, 20g, half-sine 11ms
Drop (any axis)	1m
Pressure connector	Φ6 Copper pipes
Shell material	Brass

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.