Pressure and level transmitters

Level Transmitter, Hirschmann Connector, 0–450 to 1200 mm

Model CS-PT401

Compact level transmitter with 4–20mA output and standard ranges of 0–450/600/750/900/1200 mm, ±0.5%F.S accuracy and an IP68 measuring part.



Output
4–20mA

Supply voltage
12–30VDC

Features

- 304 stainless steel housing, fluororubber seal
- Hirschmann (DIN 43650 A) connector, IP65
- 12–30VDC supply
- Long-term stability ±0.25%FS/year
- Small size

Applications

Vessel level measurement, Tank level measurement

Specifications

Performance

Standard range	0–450/600/750/900/1200 mm (reference medium: 320 lubricating oil; reference density: 0.90g/cm³)
Pressure form	G: gauge pressure
Overload pressure	2X
Accuracy at normal temperature	±0.5%F.S (including linearity, hysteresis, repeatability and calibration error)
Long-term stability	±0.25%FS/year
Response time	≤10ms

Electrical

Output signal	4–20mA
Power supply	12–30VDC
Load resistance	≤ (U-12) / 0.023 Ω (max. 600Ω)
Overvoltage	30VDC

Reverse voltage	-30VDC
Insulation resistance	≥100MΩ@50VDC (surge-protection device breakdown voltage 90VDC)
Electrical connection	Hirschmann (DIN 43650 A), two-wire: pin 1 power (red), pin 2 output (green/blue), pin 3 shield (black)

Environmental

Operating temperature	-20°C~80°C
Compensated temperature	-10°C~70°C
Storage temperature	-40°C~100°C
Vibration	10g, 5–2000Hz
Shock	20g, 11ms half-sine

Mechanical

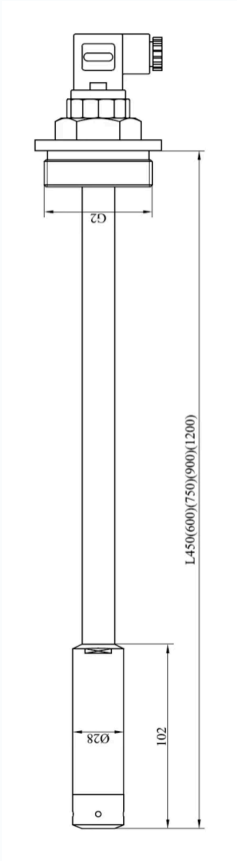
Protection level	Measuring part IP68; electrical connector IP65
Housing material	304 stainless steel
Seal material	Fluororubber
Electrical interface	Hirschmann

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.