

PCM268(WTL02) Small Diameter Level Transmitter



- Piezoresistive silicon chip employed
- MEMS technology
- Cable ventilated
- Excellent long term stability
- CE certificate

PCM268(WTL02) level transmitter is a standard and economic transmitter applied in liquid level measuring. A high sensitivity piezoresistive silicon pressure chip is employed in the transmitter.

Typical Application

Depth and level measurement in

- Wells
- Reservoirs
- Lakes
- Rivers
- Sewage treatment plant
- Water tank
- Ground water monitoring
- Surface water monitoring

Pressure range

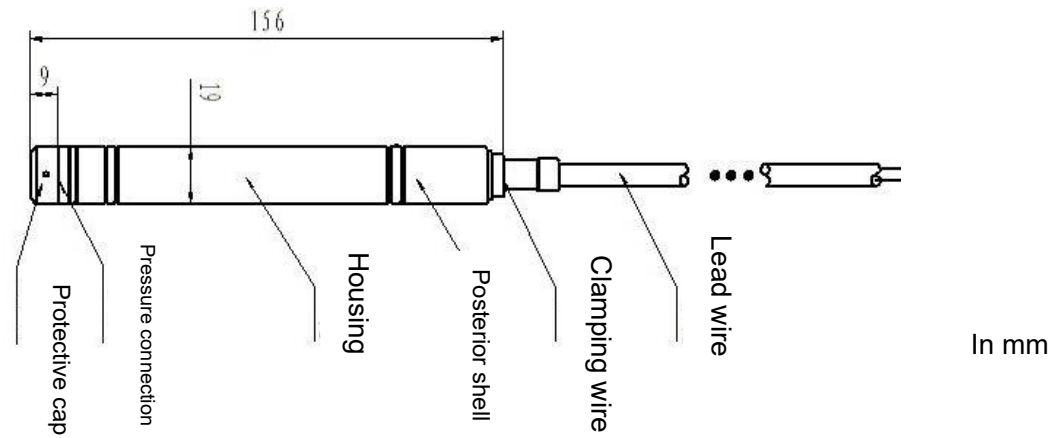
Pressure range	1m, 2m, 5m, 10m, 20m H ₂ O
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Output signal

Output	4 to 20mA
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Specification

Accuracy (linearity, repeatability and hysteresis)	±0.5%F.S.(Typical)
Overpressure	150%F.S.
Supply	24VDC
Operating temp.	-20°C - 85°C
Medium temp.	-20°C - 85°C
Storage temp.	-40°C - 125°C
Compensated temp.	0°C - 60°C (0m - 10m H ₂ O) -10°C - 70°C (10m - 20m H ₂ O)
Zero temp. coefficient	±1.5%F.S. (0°C - 85°C)
Span temp. coefficient	±1.5%F.S. (0°C - 85°C)
Long term stability	<0.2%F.S./year
Protection	IP68
Probe housing material	Stainless steel 316L
Sensor material	Stainless steel 316L
Housing diameter	φ19mm



Current (2 wire)

Wire	Connection
Red	Excitation+
Green	Output+

Voltage (3 wire)

Wire	Connection
Red	Excitation+
Blue	Excitation-
Yellow	Output+

PCM268 XX—XX—XX—XX

Pressure range

Please write directly

Supply

V1: 24VDC

Output signal

B1: 4 to 20mA

Accessories

X1: with test report

Wotian reserves the right to make any change to the product in this publication without notice. The information provided is believed to be accurate and reliable as of this product sheet.

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