

PCM269(WTL03) Submersible Level Transmitter



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

PCM269(WTL03) level transmitter is a standard and most 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, 50m, 100m, 200m H₂O

Output signal

Output 4 to 20mA | 1 to 5V | 0 to 5V

Specification

Accuracy (linearity, repeatability and hysteresis) $\pm 0.5\%$ F.S.(Typical)

Overpressure 150%F.S.

Excitation 24VDC | 12VDC

Operating temp. -20-85°C

Medium temp. -20-85°C

Storage temp. -40-125°C

Compensated temp. 0m-10m H₂O: 0-60°C | 10m-200m H₂O: -10-70°C

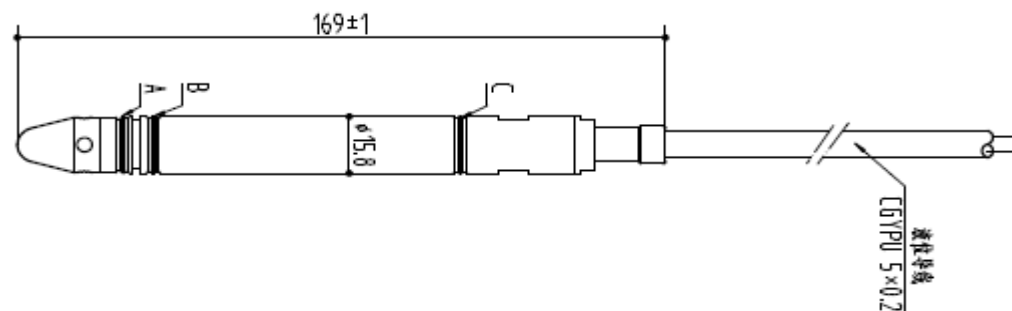
Zero temp. coefficient $\pm 2\%$ F.S.(within compensated temp.)

Span temp. coefficient $\pm 2\%$ F.S.(within compensated temp.)

Long term stability <0.2%F.S./year

Protection IP68

Mechanical Drawing



In mm

Current (2 wire)

wire	Connection
red	excitation+
green	output+

Voltage (3 wire)

wire	Connection
red	excitation+
blue	excitation-
yellow	output+

How to order

PCM269(WTL03) XX ——— XX ——— XX ——— XX

Pressure range

Please write directly

Excitation

E1: 24VDC

E2: 12VDC

Output signal

S1: 4 to 20mA

S2: 1 to 5V

S3: 0 to 5V

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.

Contact us

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