
PCM265 Lightning Protection Level Transmitter



- Piezoresistive silicon chip employed
- MEMS technology
- Excellent long term stability
- Hart protocol selectable
- CE certificate

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 | 0.5 to 4.5V | 1 to 5V | 0 to 5V

Specification

Accuracy (linearity, repeatability and hysteresis) ±0.5%F.S. (Typical)

Overpressure 150%F.S.

Excitation 24VDC | 12VDC | 5VDC

Compensated temp. -10-70°C (Typical) | 0-60°C (<10mH₂O)

Medium temp. 0-60°C

Storage temp. -40-125°C

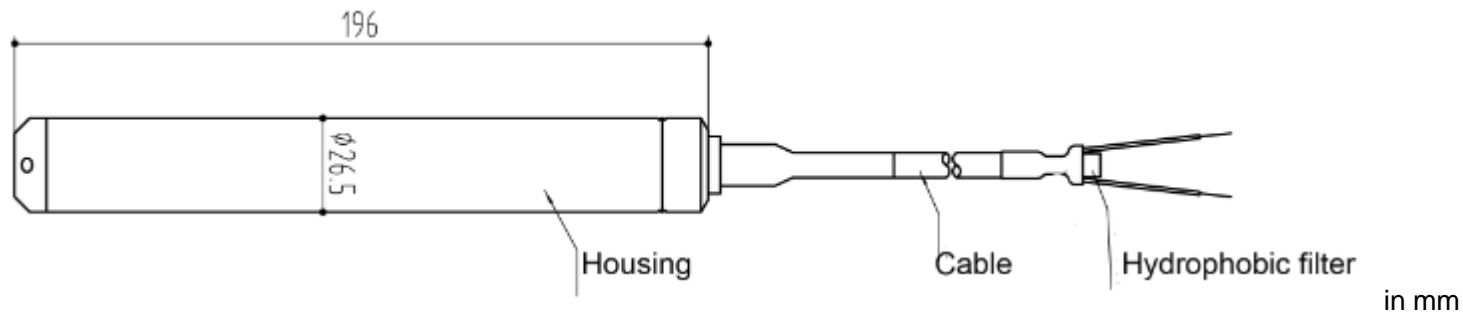
Zero temp. coefficient ±2%F.S.(-20°C-85°C)

Span temp. coefficient ±2%F.S.(-20°C-85°C)

Long term stability ≤0.2%F.S./year

Protection IP68

Mechanical Drawing



Current (2 wire)

wire	Connection
red	excitation+
green	output+

Voltage (3 wire)

wire	Connection
red	excitation-
blue	excitation-
yellow	output+

How to order

