

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 H₂O

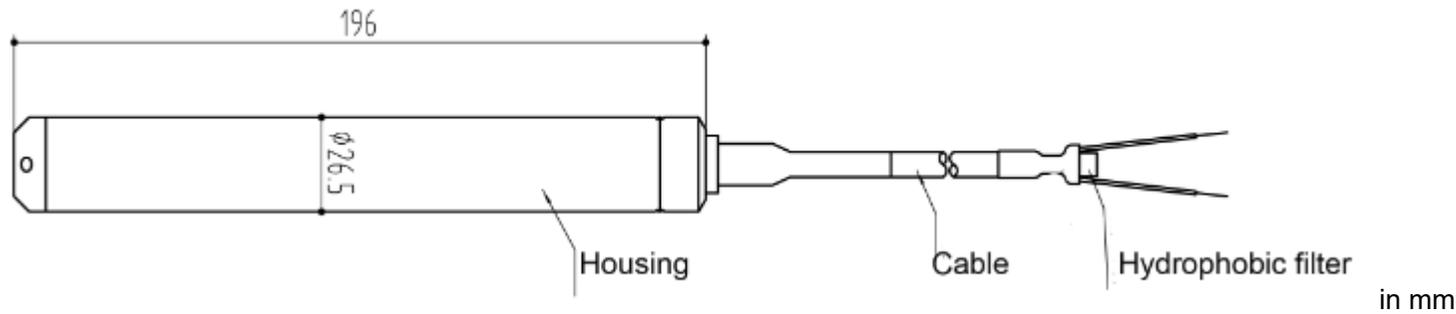
Output signal

Output 4 to 20mA

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 - 100°C
Storage temp.	-40°C - 125°C
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.S./year
Protection	IP68

Mechanical Drawing

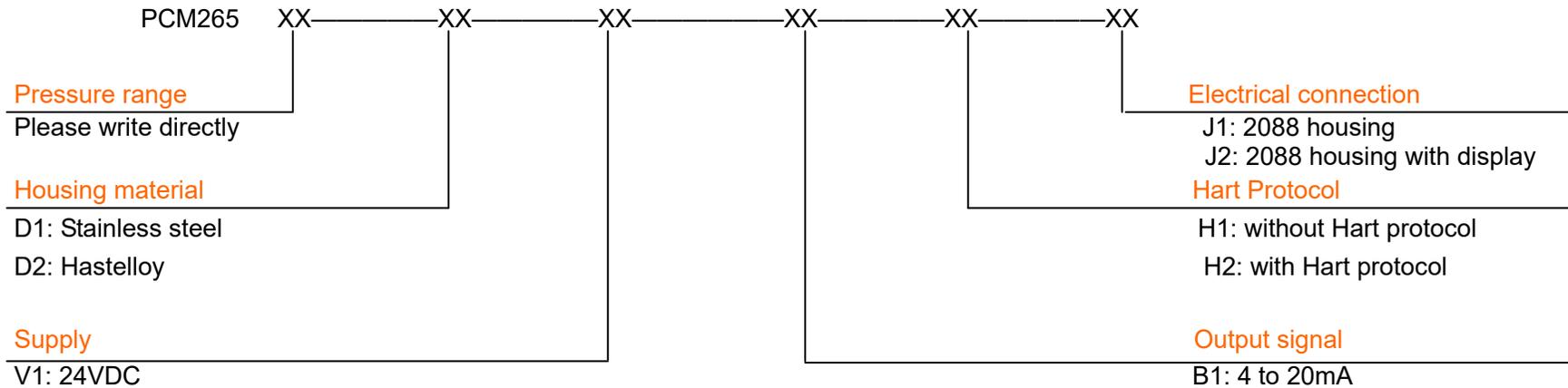


Current (2 wire)

Wire	Connection
Red	Excitation+
Green	Output+

Voltage (3 wire)

Wire	Connection
Red	Excitation-
Blue	Excitation-
Yellow	Output+



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