

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

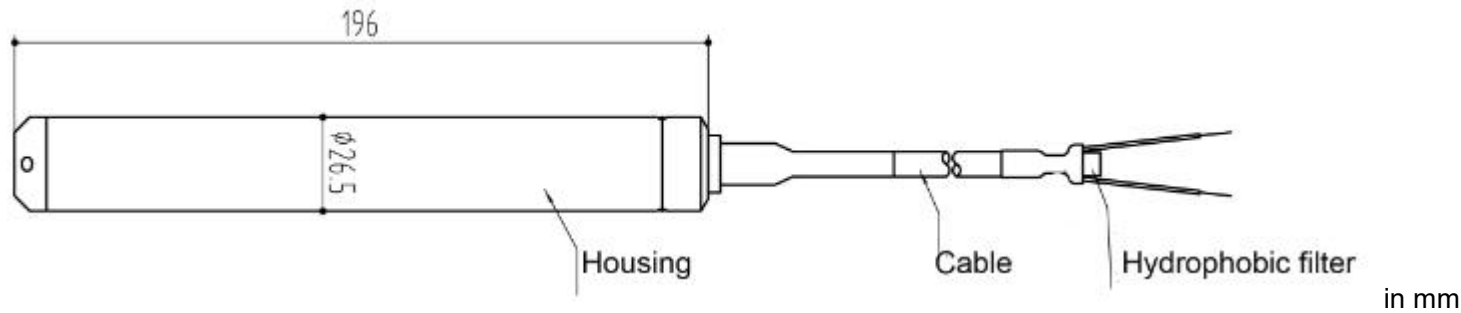
Output signal

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

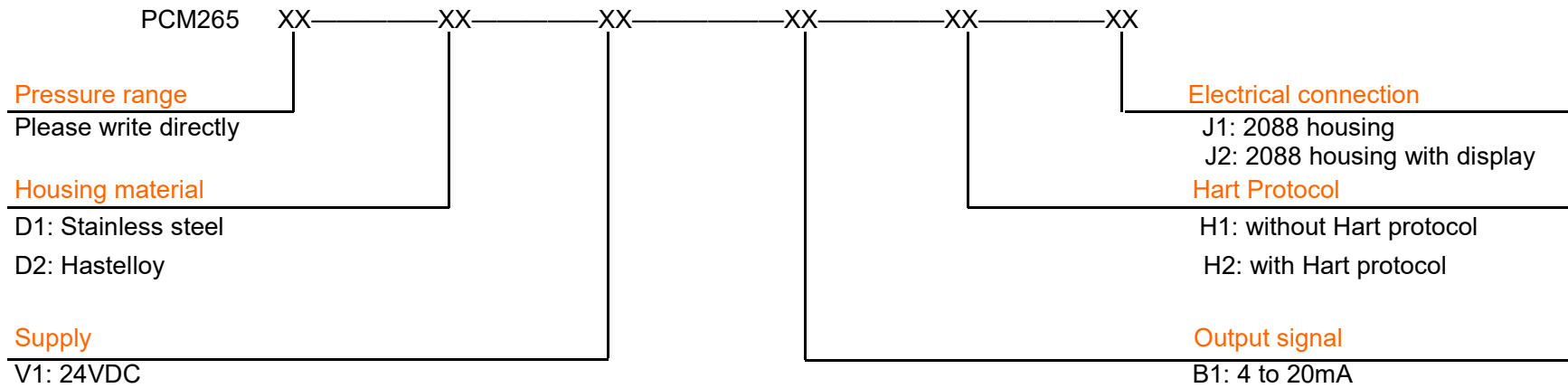


Current (2 wire)

| Wire | Connection |
|-------|-------------|
| Red | Excitation+ |
| Green | Output+ |
| | |

Voltage (3 wire)

| Wire | Connection |
|--------|-------------|
| Red | Excitation- |
| Blue | Excitation- |
| Yellow | Output+ |



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