The electrical level transmitter with welded flange - side mounting

The PL3701-P-W Electronic Level Transmitter is a linearized, ceramic device specially designed for petroleum and chemical applications that measure level in service tanks, ballast tanks or slop and water tanks. It features an IP68-rated sensor through 316 L stainless steel housing and shielded polyester cable. The remote electronic box in Polyester includes the amplifier with zero and span adjustment.
PL3701-P-W - Technical Specifications

**Technical Data**

**Ranges:**
120 mbar to 4 bar

**Overpressure:**
6 to 25 bar

**Accuracy:**
±0.3% FS at 20°C

**Ranges:**
120 mbar to 4 bar

**Protection class:**
- Transducer: IP68
- Remote electronic box: IP66

**Intrinsic safety:**
IECEx, ATEX
II 1 G D
Ex ia IIC T6 Ga or Ex ia IIB T6 Ga
Ex ia IIIC T80°C Da IP66/67
(Max 50 m cable between transducer & remote electronic box)

**Power supply:**
12-28 Vdc

**Output signal:**
4-20 mA, 2-wires

**Operating temperature ranges:**
- Transducer: -40° to +125°C
- Remote electronic box: -25° to +85°C

**Cable length:**
3m in standard (option: up to 50m)

**Special Features**

**Material:**
- Remote box: Polyester.
- Sensor: Stainless steel 316L.
- Diaphragm: Ceramic.
- Flange: Stainless steel 316L.
- Cable: Polyethylene (fire retardant).

Recommended zener barrier for installation in hazardous area: MTL7787+.
Sensor up to max 125°C.
Polyethylene cable up to max 60°C (standard).
PTFE cable up to max 120°C (optional).
2 or 3 flexible conduits (optional).
Screwed ISO flange: PN40DN25 or PN16DN40

**Technical Documentation**

- Installation manual: MI5090
- Technical manual: NT5090
- Maintenance manual: MM5090

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