The PL3702-I Immersed Electronic Level Transmitter is a linearized, ceramic device specially designed for petroleum and chemical applications. It features an IP68-rated sensor through 316 L stainless steel housing and shielded polyester cable.

The 316L stainless steel remote electronics box intended for deck installation includes an amplifier with zero and span adjustment. Optional flexible conduits can be supplied for watertight connections on deck.
PL3702-I - Technical Specifications

Technical Data

**Range:** 120 mbar to 4 bar.

**Accuracy:** ± 0,3% FS at 20°C

**Overpressure:** 6 to 25 bar.

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

**Protection class:**
- Sensor: IP68
- Remote 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 50m cable between sensor and remote electronic box).

**Power supply:** 12-28 Vdc

**Operating ambient temperature:** - 20°C to + 70°C

Special Features

**Material:**
- Remote box: Stainless steel 316L.
- Sensor: Stainless steel 316L.
- Diaphragm: Ceramic.
- Top tank fitting: Stainless steel 316L.
- Bracket fixation: Stainless steel 316L.
- Cable: Polyethylene (fire retardant).

Recommended zener barrier for installation in hazardous area: MTL7787+.

Sensor up to max 120°C.

Polyethylene cable up to max 60°C (standard).

PTFE cable up to max 120°C (optional).

2 or 3 flexible conduits (optional).

Technical Documentation

**Installation manual:** MI5090

**Technical manual:** NT5090

**Maintenance manual:** MM5090

Mechanical Fittings & Dimensions

Note: cable length needs to be specified 8 weeks before delivery

Weight: 5 kg

Mechanical Connection

Electrical Connection

Honeywell Marine SAS
9, rue Isaac Newton
ZA Port Sec Nord, Esprit 1
18000 Bourges – France
Phone: + 33 (0) 248 237 901
Fax: + 33 (0) 248 237 903
E-Mail: contact.marine@honeywell.com
www.honeywellmarine.com