



Immersed Electronic Level Transmitter - Polyester Housing

The PL3702-P 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 polyester remote electronics box includes an amplifier with zero and span adjustment.

PL3702-P - 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: Polyester sea water resistant.
- Sensor: Stainless steel 316L.
- Diaphragm: Ceramic.
- Top tank fitting: Stainless steel 316L.
- Bracket fixation: Stainless steel 316L.
- Cable: Polyethylene (fire retardant).

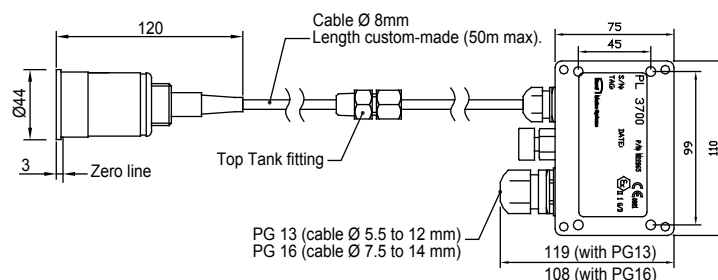
Recommended zener barrier for installation in hazardous area : MTL7787+.

Sensor up to max 120°C.

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

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

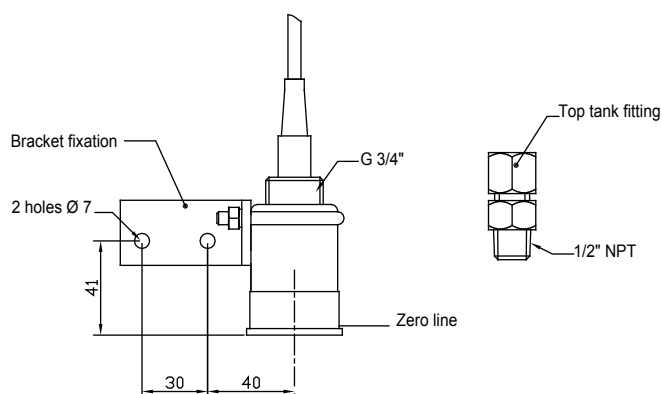
Mechanical Fittings & Dimensions



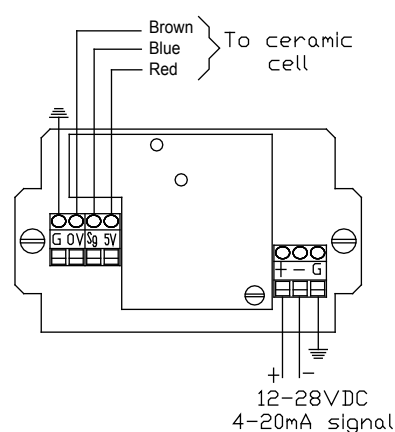
Note: cable length needs to be specified 8 weeks before delivery

Weight : 2.1 kg

Mechanical Connection



Electrical Connection



Technical Documentation

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

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