



An immersed Electronic Level Transmitter for sea water application –

The PL3702C-I Electronic Level Transmitter is a linearized, ceramic device specially designed for sea water application. It features a sensor housing in composite material IP68-rated which avoids the electro chemical corrosion and sea water organic deposits.

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

PL3702C-I - Technical Specifications

Technical Data

Range:	120 mbar to 4 bar.
Accuracy:	± 0,3% FS at 20°C
Overpressure:	6 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: Composite.
- 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 60°C

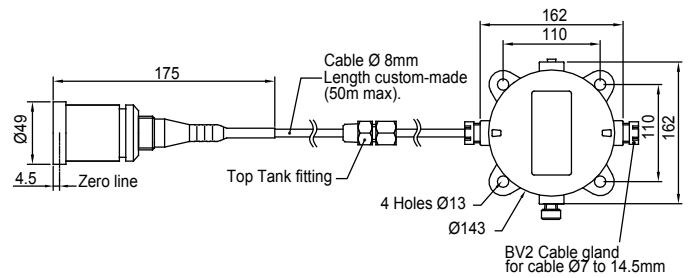
Polyethylene cable up to max 60°C (standard).

2 or 3 flexible conduits (optional).

Technical Documentation

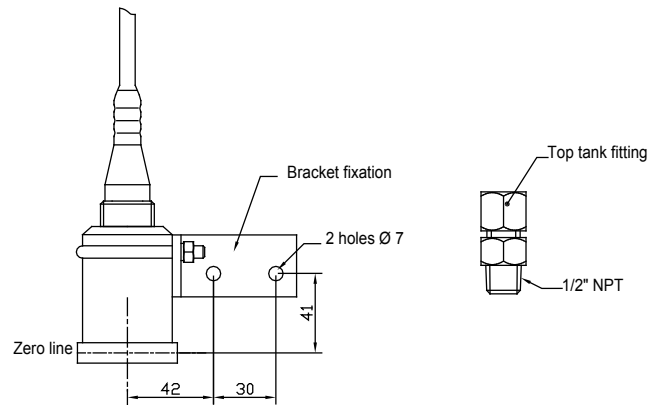
Installation manual	MI5090
Technical manual	NT5090
Maintenance manual	MM5090

Mechanical Fittings & Dimensions

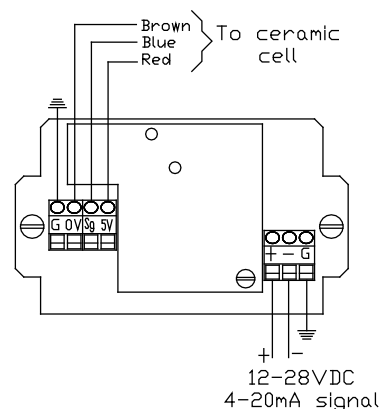


Note: cable length needs to be specified 8 weeks before delivery

Mechanical Connection



Electrical Connection



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