



Electronic Level Transmitter for sea water application – Side Mounting

The PL3700C-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. Sensor is protected by a stainless steel 316L casing to prevent mechanical damage. Its flange allows side mounting installation such as draft or tank level measurements. 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

PL3700C-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
Flange:	PN16DN40
Cable length:	3m in standard (option up to 50m)

Special Features

Material:

- Remote box: Stainless steel 316L.
- Sensor: Composite.
- Diaphragm: Ceramic.
- Protection casing: Stainless steel 316L.
- Flange: 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.

2 or 3 flexible conduits (optional).

Technical Documentation

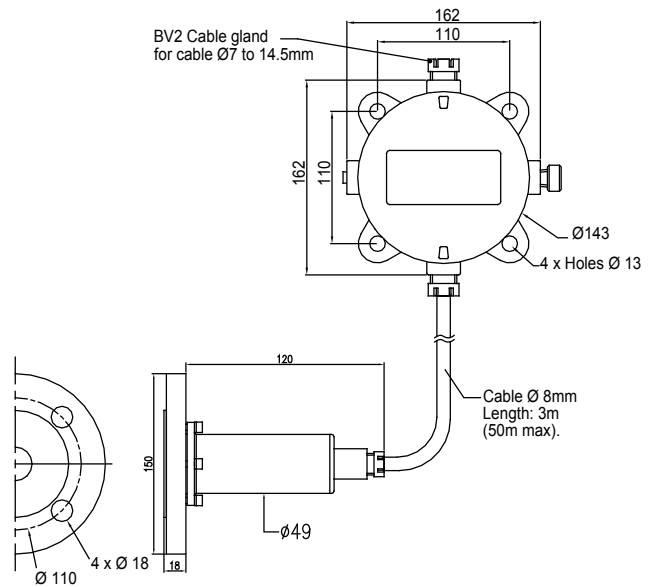
Installation manual:	MI5090
Technical manual:	NT5090
Maintenance manual:	MM5090

Honeywell Marine SAS

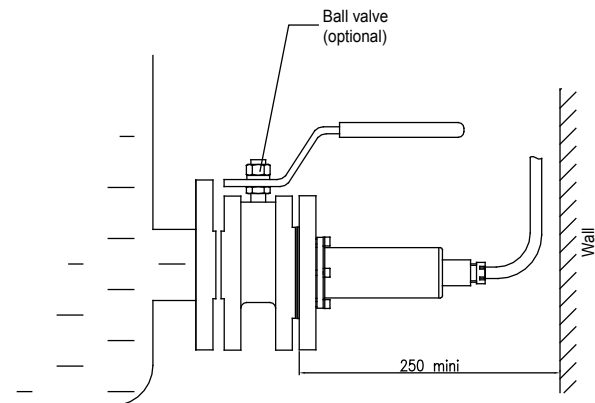
9, rue Isaac Newton
ZA Port Sec Nord, Esprit 1
18000 Bourges – France
Phone : + 33 (0) 248 237 901
Fax : + 33 (0) 248 237 903
E-Mail: contact.marine@honeywell.com
www.honeywellmarine.com

HM-11-55-ENG
February 2013
© 2010 Honeywell International Inc.

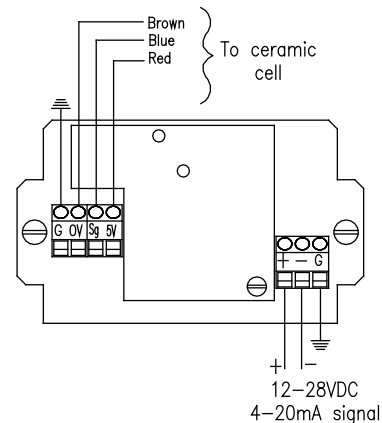
Mechanical Fittings & Dimensions



Process Connection



Electrical Connection



Honeywell