



PL3700-Vapour - Pressure transmitter for vapour pressure

The PL3700-Vapour is designed for Vapour pressure measurement in the manifold areas during cargo operations. The pressure transducer is sealed inside a stainless steel 316L housing which ensures an IP68 rating for a deck installation. It also includes the amplifier with zero and span adjustment. Flexible conduits are supplied in standard for watertight connections on deck.

PL3700-Vapour - Technical Specifications

Technical Data

| | |
|--------------------------------------|---|
| Ranges: | 0.8 to 2 bar |
| Overpressure: | 18 bar |
| Accuracy: | ±0,3% FS at 20°C |
| Protection class: | - Transducer: IP68 - Remote electronic box: IP66/67 |
| 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 |
| 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 + 70°C |
| Weight: | 6Kg |

Special Features

Material:

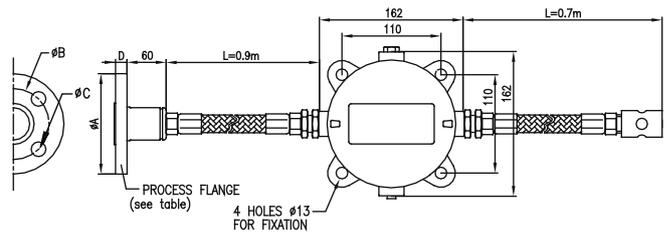
- Remote box: Stainless steel 316L.
- Sensor housing: Stainless steel 316L.
- Diaphragm: Ceramic.
- 2 flexibles conduits in standard.
- Corrosion resistant
- High overload limit
- No hysteresis
- High temperature stability
- Approved by major classification societies
- Recommended zener barrier for installation in hazardous area : MTL7787+.

For safe area installation, the transmitter can be installed without zener barrier

Technical Documentation

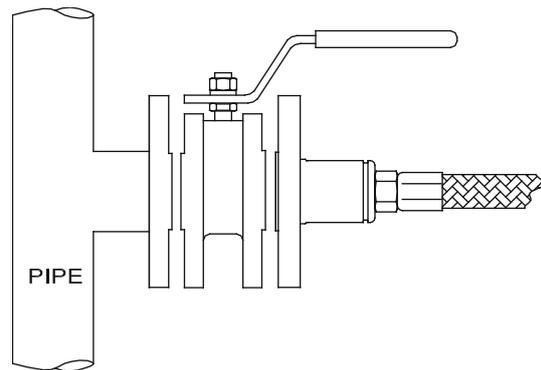
| | |
|-----------------------------|--------|
| Installation manual: | MI5090 |
| Technical manual: | NT5090 |
| Maintenance manual: | MM5090 |

Dimensions & Fixation

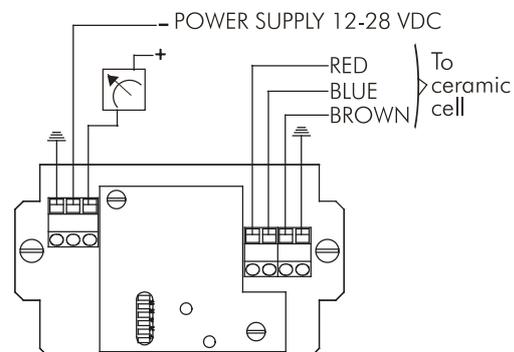


| | A (∅) | B (∅) | C (∅) | D |
|---------------|-------|-------|-------|----|
| ISO PN40 DN25 | 115 | 85 | 4x14 | 16 |
| ISO PN16 DN40 | 150 | 110 | 4x18 | 18 |

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

HM-11-25-ENG
 October 2013
 © 2013 Honeywell International Inc.

Honeywell