



## PL3700-Manifold - Pressure transmitter for manifold

The PL3700-Manifold is designed for pipes 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-Manifold - Technical Specifications

## Technical Data

<b>Ranges:</b>	0 to 20 bar
<b>Overpressure:</b>	40 bar
<b>Accuracy:</b>	±0,3% FS at 20°C
<b>Protection class:</b>	- Transducer: IP68 - Remote electronic box: IP66/67
<b>Intrinsic safety:</b>	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
<b>Power supply:</b>	12-28 Vdc
<b>Output signal:</b>	4-20 mA, 2-wires
<b>Operating temperature ranges:</b>	
- Transducer:	- 40° to + 125°C
- Remote electronic box:	- 25° to + 70°C
<b>Weight:</b>	6Kg

## Special Features

### Material:

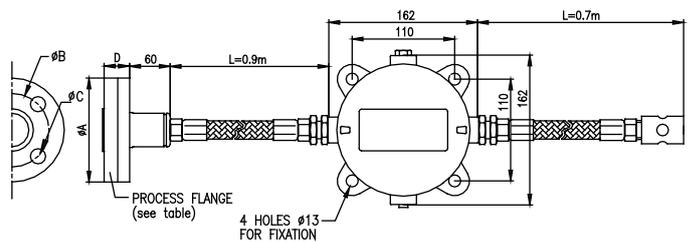
- Remote box: Stainless steel 316L.
- Sensor housing: Stainless steel 316L.
- Diaphragm: Ceramic.
- 2 flexibles conduits in standard.
- Corrosion resistant
- High overload limit
- No hysteresis
- High temperature stability
- Approved by major classification societies
- Recommended zener barrier for installation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

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

## Technical Documentation

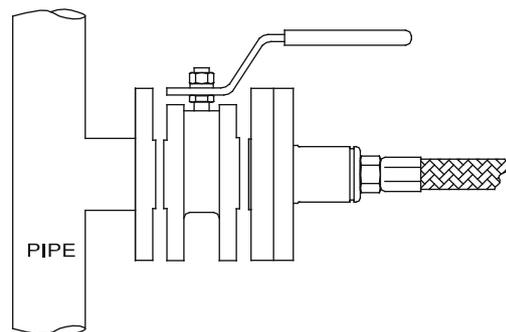
<b>Installation manual:</b>	MI5090
<b>Technical manual:</b>	NT5090
<b>Maintenance manual:</b>	MM5090

## Dimensions & Fixation

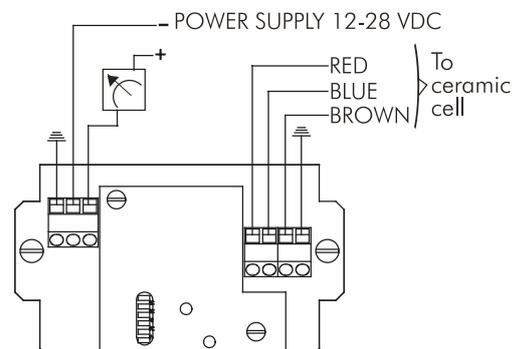


	A (ø)	B (ø)	C (ø)	D
ISO PN40 DN25	115	85	4x14	33
ISO PN16 DN40	150	110	4x18	35

## Mechanical Connection



## Electrical Connection



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