

The Pressure transmitter for vapour pressure

The PL3700 Vapour is designed for vapour pressure measurement in the manifolds area 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 - 2 bar

Overpressure: 18 bar

Accuracy: $\pm 0,3\%$ FS at 20°C

Protection class:

- Transducer: IP68
- Remote electronic box: IP66/67

Intrinsic safety: -

Ex ia IIC ou IIB T6 - Ex iaD A20 T70°C

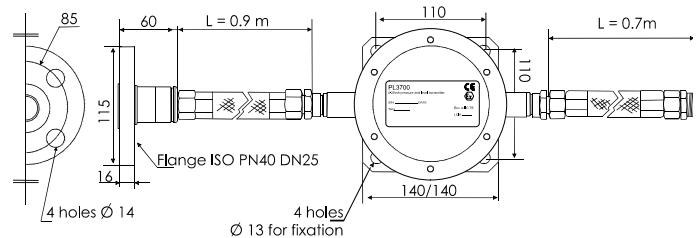
Power supply: 12-28 Vdc

Output signal: 4-20 mA, 2-wires

Operating temperature ranges:

- Transducer: - 40° to + 125°C
- Remote electronic box: - 25° to + 85°C

MECHANICAL FITTINGS & DIMENSIONS



Weight : 6 Kg

SPECIAL FEATURES

Mechanical parts:

- Remote Electronic box: 316L SS
- Sensor housing: 316L SS
- Diaphragm: ceramic

2 flexible conduits in standard

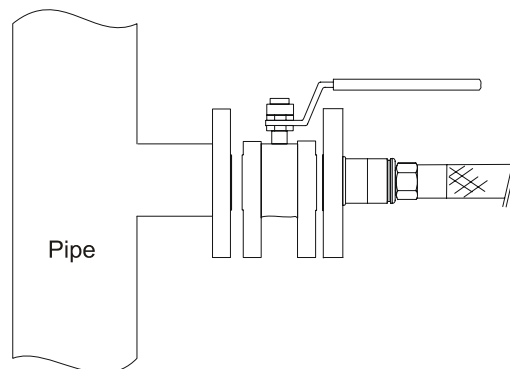
CODIFICATION :

PL3700 A R C F B 01 C C 0 0 0 : for corrosive atmosphere - Kalrez gasket. - Absolute measurement

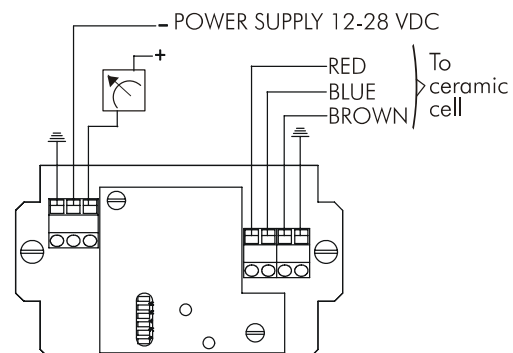
Recommended zener barrier : MTL7787+

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

MECHANICAL CONNECTION



ELECTRICAL CONNECTION



TECHNICAL DOCUMENTATION

Installation manual	MI5090
Technical manual	NT5090
Maintenance manual	MM5090

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