



The electrical level transmitter with welded flange - side mounting

The PL3701-I is a ceramic family transmitter withstanding attack from most petroleum and chemical products.

The PL3701-I is linearised. The remote electronic box in stainless steel 316L includes the amplifier with zero and span adjustment.

The pressure transducer is sealed inside a stainless steel 316 L housing (IP68 rating).

PL3701-I-W - Technical specifications

TECHNICAL DATA

Ranges: 120 mbar to 4 bar

Overpressure: 6 to 25 bar

Accuracy: $\pm 0,3\%$ FS at 20°C

Ranges: 120 mbar to 4 bar

Protection class:

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

Intrinsic safety:

- Ex ia IIC or IIB T6 - Ex iaD A20 T70°C
(Max 50 m cable between transducer & remote electronic box)

Power supply: 12-28 Vdc

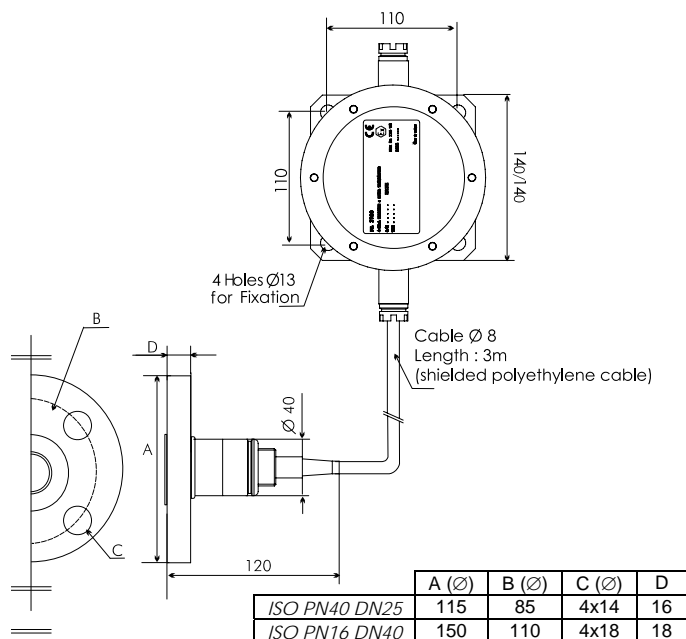
Output signal: 4-20 mA, 2-wires

Operating temperature ranges:

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

Cable length: 3m in standard (option: up to 50m)

MECHANICAL FITTINGS & DIMENSIONS



Weight: 6 Kg

SPECIAL FEATURES

Mechanical parts:

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

Recommended zener barrier: MTL7787+

For a deck installation of the remote box, the flexible conduit kit must be ordered with the transmitter

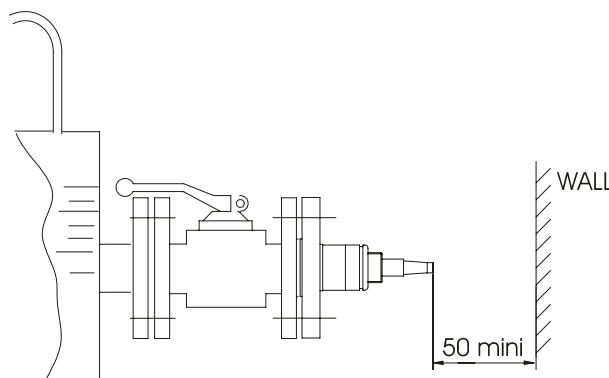
For safe area installation, the transmitter can be installed without zener barrier

Welded ISO flange: PN40DN25, PN16DN40,
additional test flange

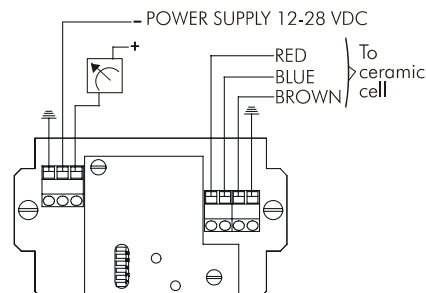
Example of a typical order :

- **assembly 3701-I G-W-PN40DN25**

MECHANICAL CONNECTION



ELECTRICAL CONNECTION



TECHNICAL DOCUMENTATION

Installation manual	MI5090
Technical manual	NT5090
Maintenance manual	MM5090

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