



## The electrical level transmitter with screwed 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-S - 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

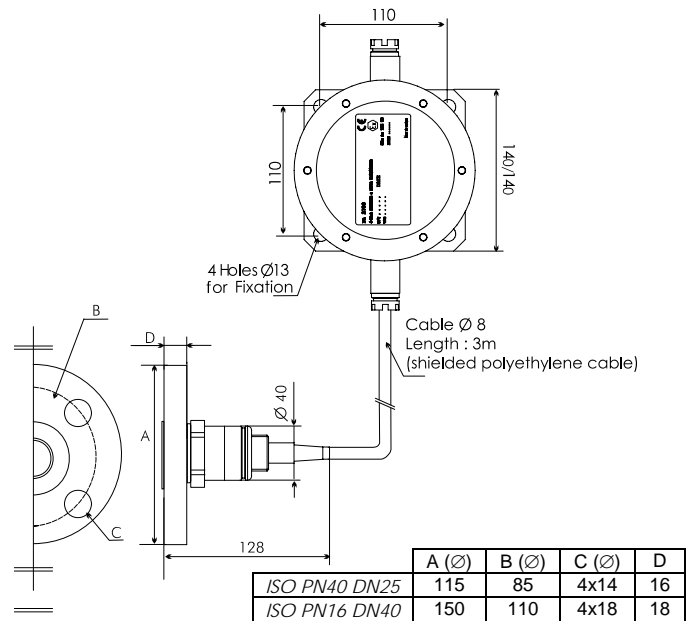
**Output signal:** 4-20 mA, 2-wires

**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

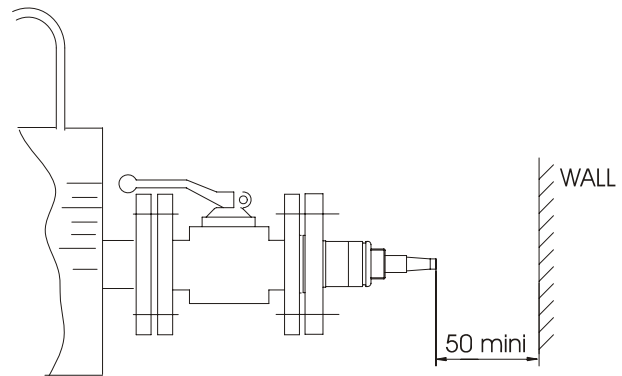
For safe area installation, the transmitter can be installed without zener barrier

**Screwed ISO flange:** PN40DN25, PN16DN40, additional test flange

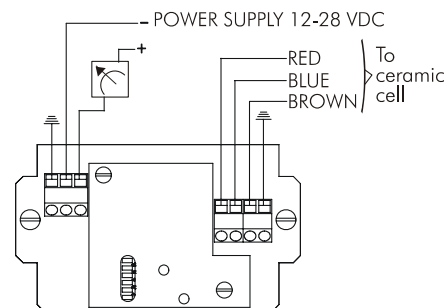
Example of a typical order :

- **assembly 3701-I G-S-PN40DN25**

## MECHANICAL CONNECTION



## ELECTRICAL CONNECTION



## TECHNICAL DOCUMENTATION

Installation manual	MI5090
Technical manual	NT5090
Maintenance manual	MM5090

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