



## An atmospheric pressure transmitter

The PL3700 series is a ceramic family transmitter linearised on the whole range.

This transducer is specially designed to compensate with the atmospheric pressure, the use of absolute pressure transmitters in tank gauging system or inert gas pressure measurement. This capacitive transducer with high stability is approved by major classification

# PL3700ATM - Technical specifications

## TECHNICAL DATA

**Absolute pressure range:** 900 to 1100mbar

**Overpressure:** 10 bar absolute

**Protection class:**

- Transducer: IP68
- Remote electronic box: IP66

**Intrinsic safety:** Ex ia IIC ou IIB T6 - Ex iaD A20 T70°C

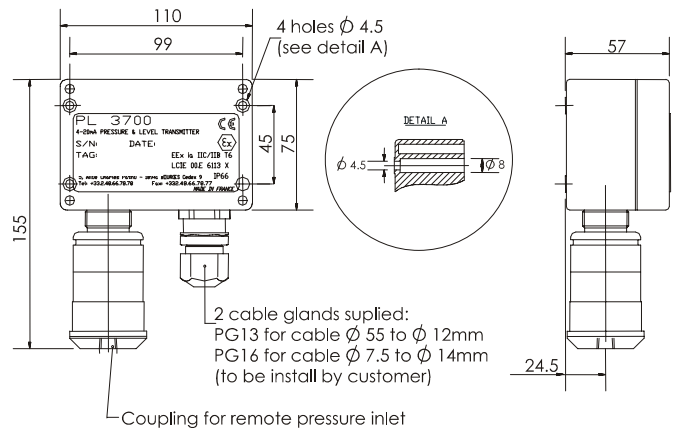
**Power supply:** 12-28 Vdc

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

**Accuracy:**  $\pm 0,3\%$  FS at 20°C

**Operating temperature ranges:** - 25°C to + 85°C

## MECHANICAL FITTINGS & DIMENSIONS



Weight : 800 g

## SPECIAL FEATURES

**Mechanical parts:**

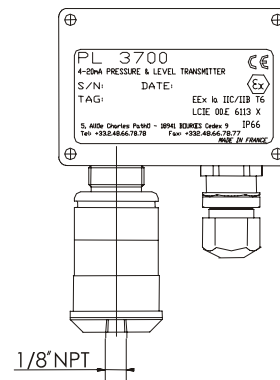
- Remote Electronic box: Polyester
- Sensor housing: 316L SS
- Diaphragm: ceramic

**Ordering code:** 30 969

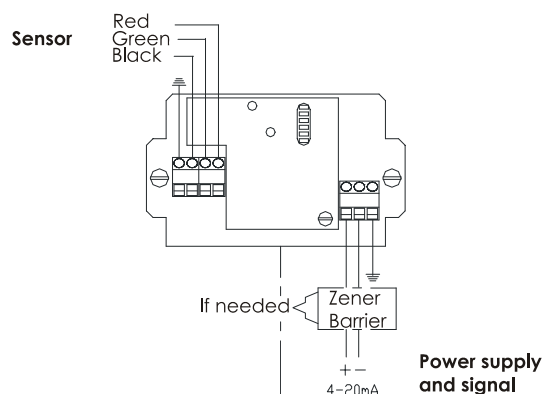
For hazardous area installation, the transmitter must be installed with zener barrier

Recommended zener barrier : MTL7787+

## MECHANICAL CONNECTION



## ELECTRICAL CONNECTION



## TECHNICAL DOCUMENTATION

Installation manual	MI5090
Technical manual	NT5090
Maintenance manual	MM5090

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