



Product sheet

PL3700 – Assembly 3700ATM Atmospheric Pressure transmitter

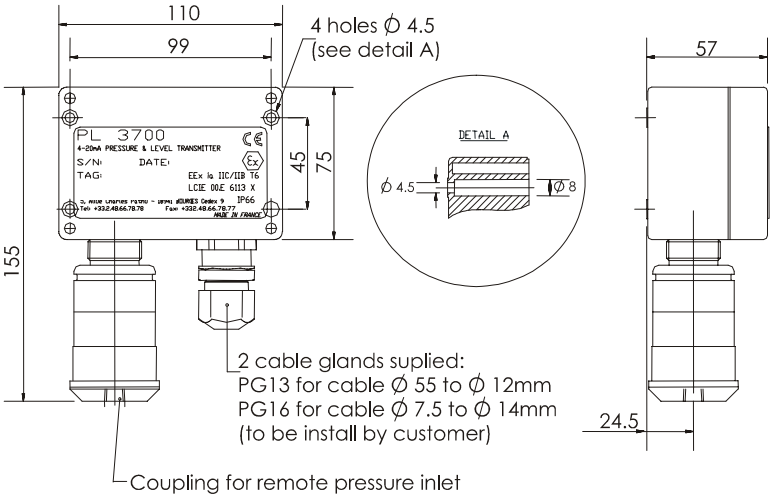
The **PL3700** series is a ceramic family transmitter linearised on the whole range.

This transmitter is specially designed to compensate with the atmospheric pressure, the use of absolute pressure transmitters in tank gauging system or inert gas pressure measurement.

Key benefits

- Capacitive transducer with ceramic diaphragm
- High stability
- Corrosion resistant
- No hysteresis
- Approved by major classification societies

Mechanical fittings & dimensions



Technical data

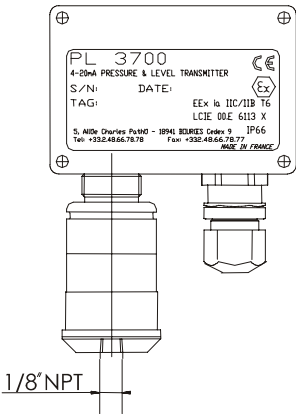
- Absolute pressure range: 900 to 1100mbar
- Overpressure: 10 bar absolute
- Protection class: - Transducer: IP68
- Remote electronic box: IP66
- Intrinsic safety: Ex ia IIC ou IIB T6 - Ex iaD A20 T70°C
- Power supply: 12-28 Vdc
- Output signal : 4-20 mA, 2-wires
- Accuracy: ± 0,3% FS at 20°C
- Operating temperature ranges: - 25°C to + 85°

Special features

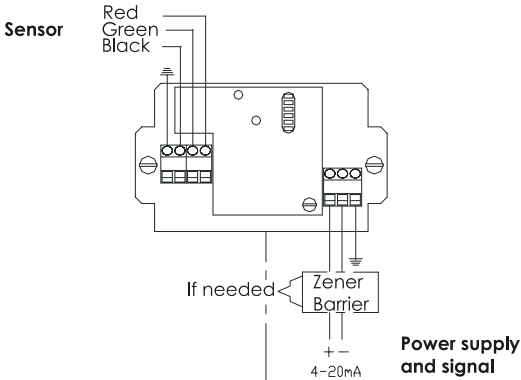
- Mechanical parts:
 - Remote Electronic box: Polyester
 - Sensor housing: 316L SS
 - Diaphragm: ceramic
- Ordering code: 30 969
- For hazardous area installation, the transmitter must be installed with zener barrier
- Recommended zener barrier : MTL7787+

Connections

MECHANICAL



ELECTRICAL



Technical documentation

- Installation manual **MI5090**
- Technical Manual **NT5090**
- Maintenance manual **MM5090**

Local Representative

