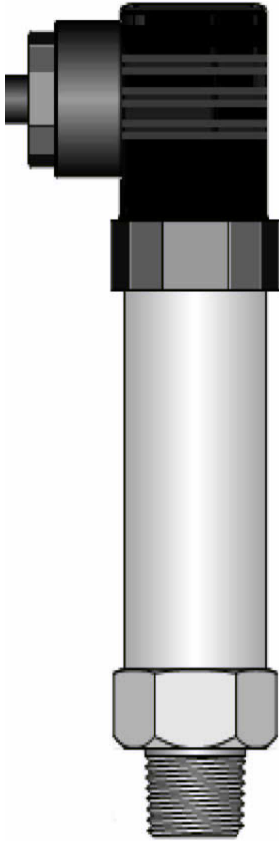


Serial n° :
Nominal range :



GENERAL FEATURES

Measurement, control and process of hydraulic or pneumatic pressure on pipe, for any fluid even mud agent, compatible with stainless steel (connectable model)

TECHNICAL PRINCIPLE

The pressure measurement is performed through the differential pressure between atmospheric pressure and liquid pressure. The pressure is converted into electric signal by piezo-electric gauge to provide a 4/20mA output signal on 2 wires

MECHANICAL SPECIFICATIONS

Housing : Nickel Plated Brass (high phosphorus)
Pressure fitting : Stainless steel 316L 1/2" BSPC (Hexa 24mm wrench)
Sensor : Stainless steel 316L diaphragm
Diameter : tube 26mm, overall 30mm
Height : 155 mm
Weight : 235 g
Protection index : IP 65

ELECTRICAL SPECIFICATIONS

Output signal : 4/20mA output signal on 2 loop wires, 4mA for 0m and 20mA for the full-scale

Power supply : Voltage supply between 7 to 30 volts DC input. *(Don't forget to integrate the voltage drop-out in the current loop)*

Consumption : the signal value (mA)

Connection : 1 : + / 2 : - / T : Ground

EMC Conformity : EN 50 081-2, EN 50 082-2

TECHNICAL DATA

Pressure range : Full-scale (F.S.) between -0,05 bar to 0.05 bars
(Full-scale 20mA adjusted to the required value by Hitec)
Hysteresis : 0,1 % F.S. *(constant temperature)*.
Non-linearity : 0,15 % F.S. *(constant temperature)*.
Temperature operating range : from -20°C to 80° Celsius (-4°F to 176°F)