

# Standard Pressure Gauge With liquid filling Model: PI5

#### **Applications**

- For measuring points with high dynamic pressure loads or vibrations
- Pumps and compressors
- Hydraulic and pneumatic systems
- Suitable for gaseous or liquid media that will not obstruct the pressure system

### **Special features**

- Reliable and cost-effective
- Vibration and shock resistant
- Nominal size 40 mm, 50 mm, 63 mm, 100 mm, 160 mm, 200 mm, and 250 mm
- Scale range vacuum up to 1000 bar



#### **Description**

Accuracy class
 2.5% for 40 and 50 mm dials;

1.6% for 63 to 250 mm dials; 1% (option) for 100 to 250 mm

Pressure element
 Brass C-type or helical type
 Stainless steel 304 and 316 (option)

■ Process connection Brass back & bottom

NS 63: 1/4 BSP, NS 100, 160: 1/2 BSP, NPT (option)

Socket & connection

NS 63: 1/4 BSP, NS 100, 160: 1/2 BSP, NPT (option)

Brass, Stainless steel 304 and 316 (option)

Window Glass, Plexiglas, Acrylic, (option)

Permissible temperature
 Medium: +60 °C
 Medium: +60 °C
 Copper alloy
 Pointer
 Aluminium, black

Dial Aluminium, white, black lettering,

0...10 to 0...15.000 psi; 0...60 to 0...100.000 kPa; 0...0.6 to 0...1000 bar Vacuum & compound ranges

are available. single or double scale dials.

Range







## MADECO Canada

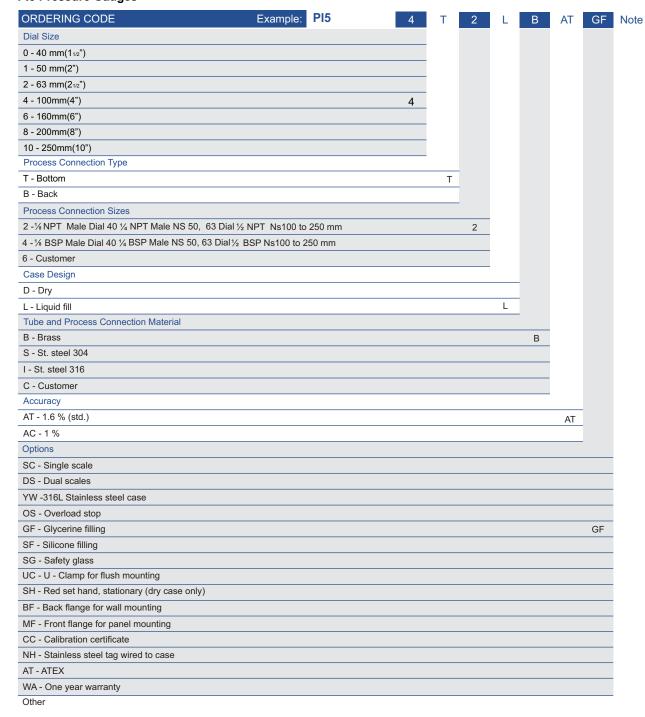
Pressure limitation
Steady: 3/4 x full scale value

Fluctuating: 2/3 x full scale value Short time: Full scale value

■ **Temperature error** When the temperature of the measuring system deviates

from the reference temperature (+20 °C): max. ±0.4 %/10 K of full scale value

#### **PI5 Pressure Gauges**







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