

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

0.4 0.6 0.8 0.8 0.8 psi

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

Socket & connection

Permissible temperature

Window

Movement

Pointer

Range

Dial

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)

Brass, Stainless steel 304 and 316 (option)

Glass, Plexiglas, Acrylic, (option)

Ambient: -20 ... +60 °C Medium: +60 °C Copper alloy

Aluminium, black

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.





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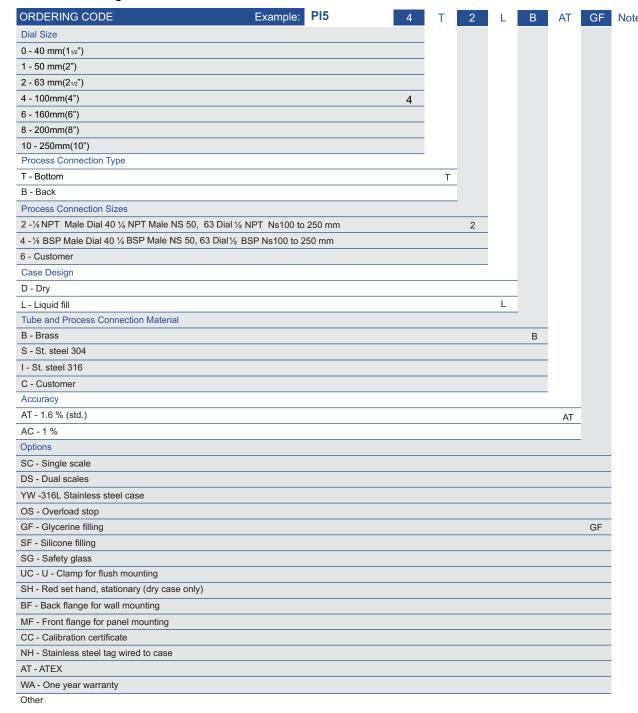
■ **Pressure limitation** Steady: 3/4 x full scale value

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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