

Standard Pressure Gauge

Model: PI2

Applications

- General industrial applications
- Pumps and compressors
- Hydraulic and pneumatic systems
- Suitable for fluid medium which does not clog connection port or corrode copper
- Applications requiring large dial sizes for easy readability

Special features

- Reliable and cost-effective
- Black plastic or painted steel case
- 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 |
| ■ Case material | C.S.(black or chrome coated) |
| ■ Pressure element | Brass C-type or helical type
Stainless steel 304 and 316 (option) |
| ■ Process connection | Brass back & bottom
NS 63: ¼ BSP, NS 100, 160: ½ BSP, NPT (option) |
| ■ Socket & connection | Brass, Stainless steel 304 and 316 (option) |
| ■ Window | Glass, Plexiglass, Acrylic, (option) |
| ■ Permissible temperature | Ambient: -20 ... +60 °C
Medium: +120°C |
| ■ Movement | Copper alloy |
| ■ Pointer | Aluminium, black |
| ■ Dial | Aluminium, white, black lettering, |
| ■ Range | 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. |



- **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

The PI 2 model could be ordered with chrom steel case too. Back and front flange accessories are available for wall and panel mounting.

PI2 Pressure Gauges

ORDERING CODE	Example: PI2	4	T	2	S	B	AT	WA	Note
Dial Size									
0 - 40 mm(1½")									
1 - 50 mm(2")									
2 - 63 mm(2½")									
4 - 100mm(4")		4							
6 - 160mm(6")									
8 - 200mm(8")									
10 - 250mm(10")									
Process Connection Type									
T - Bottom			T						
B - Back									
Process Connection Sizes									
2 - ¼ NPT Male Dial 40 ¼ NPT Male NS 50, 63 Dial ½ NPT Ns100 to 250 mm				2					
4 - ½ BSP Male Dial 40 ¼ BSP Male NS 50, 63 Dial ½ BSP Ns100 to 250 mm									
6 - Customer									
Case Design									
S - Steel casing					S				
C - Chrome-plated steel case									
Tube and Process Connection Material									
B - Brass						B			
S - St. steel 304									
I - St. steel 316									
C - Customer									
Accuracy									
AT - 1.6 % (std.)							AT		
AC - 1 %									
Options									
SC - Single scale									
DS - Dual scales									
YW - 316L Stainless steel case									
OS - Overload stop									
GF - Glycerine filling									
SG - Safety glass									
UC - U - Clamp for flush mounting									
SH - Red set hand, stationary (dry case only)									
BF - Back flange for wall mounting									
MF - Front flange for panel mounting									
CC - Calibration certificate									
NH - Stainless steel tag wired to case									
WA - One year warranty								WA	
Other									



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