

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

- | | |
|---|--|
| <ul style="list-style-type: none"> ■ 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 |
| <ul style="list-style-type: none"> ■ Pressure element | Brass C-type or helical type
Stainless steel 304 and 316 (option) |
| <ul style="list-style-type: none"> ■ Process connection | Brass back & bottom
NS 63: ¼ BSP, NS 100, 160: ½ BSP, NPT (option) |
| <ul style="list-style-type: none"> ■ Socket & connection | Brass, Stainless steel 304 and 316 (option) |
| <ul style="list-style-type: none"> ■ Window | Glass, Plexiglas, Acrylic, (option) |
| <ul style="list-style-type: none"> ■ Permissible temperature | Ambient: -20 ... +60 °C
Medium: +60 °C |
| <ul style="list-style-type: none"> ■ Movement | Copper alloy |
| <ul style="list-style-type: none"> ■ Pointer | Aluminium, black |
| <ul style="list-style-type: none"> ■ Dial | Aluminium, white, black lettering, |
| <ul style="list-style-type: none"> ■ 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-plated 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 - ¼ 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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