

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: 1/4 BSP , NS 100, 160: 1/2 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. $\pm 0.4\% / 10\text{ K}$ 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(1 $\frac{1}{2}$ "")									
1 - 50 mm(2")									
2 - 63 mm(2 $\frac{1}{2}$ "")									
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					
2 - $\frac{1}{8}$ NPT Male Dial 40 $\frac{1}{4}$ NPT Male NS 50, 63 Dial $\frac{1}{2}$ NPT Ns100 to 250 mm				2					
4 - $\frac{1}{4}$ BSP Male Dial 40 $\frac{1}{4}$ BSP Male NS 50, 63 Dial $\frac{1}{2}$ BSP Ns100 to 250 mm									
6 - Customer									
Case Design					S				
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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