

Standard Pressure Gauge with Crimped Bezel Model: PI1

Applications

- General industrial applications
- Pumps and compressors
- Hydraulic and pneumatic systems
- Suitable for fluid medium which does not clog connection port or corrode copper

Special features

- Reliable and cost-effective
- Black plastic or painted steel case
- Nominal size 40 mm, 50 mm, 63 mm, 80mm, 100 mm,
- Scale range vacuum up to 1000 bar

Description

- | | |
|----------------------------------|--|
| ■ Accuracy class | 2.5% for 40
1.6% for 50 to 100 mm dials;
1% (option) for 50 to 100 mm |
| ■ Pressure element | Brass C-type or helical type
Stainless steel 304 and 316 (option) |
| ■ Process connection | Brass back |
| ■ 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 1 model could be ordered with chrom-plated steel case too.

PI1 Pressure Gauges

ORDERING CODE	Example: PI1	4	B	2	S	B	AT	WA	Note
Dial Size									
0 - 40 mm(1½")									
1 - 50 mm(2")									
2 - 63 mm(2½")									
4 - 100mm(4")		4							
Connection Type									
B - Back			B						
Process Connection Sizes									
2 - ¼ NPT Male Dial 40 ¼ NPT Male NS 50, 63 Dial ½ NPT Ns100				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									
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									
UB - U - Bracket for panel mounting									
GF - Glycerine filling									
SF - Safety glass									
SH - Red set hand, stationary (dry case only)									
CC - Calibration certificate									
WA - One year warranty								WA	
Other									



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