

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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