

Bottom Connection Pressure Gauge with Steel Case

This pressure gauge measures pressure in various applications. It features a bottom connection, a black steel and plastic case, and a brass connection.



Overview

Reliable Pressure Monitoring

This dry pressure gauge is engineered for precision in hydraulic and pneumatic systems, featuring a robust steel or plastic case for enhanced durability. It is specifically designed to handle fluid media that do not clog copper alloy connections, making it an ideal choice for compressors and compressed air systems. With its bottom connection design and protection against vibration and pulsation, it ensures stable and accurate readings in demanding industrial environments.

Performance Metrics

Key Performance Metrics

1000 bar

Max Pressure

1.6 %

Accuracy Class

60 °C

Max Temp

Technical Specifications

Pressure Range	-1 to 1000 bar
Accuracy	±1.6%, ±2.5%
Operating Temperature	-20°C to +60°C

Physical Dimensions

Available Sizes

- 1.5" (40mm)
- 2" (50mm)
- 2.5" (63mm)
- 4" (100mm)
- 6" (150mm)

Construction Materials

Component Materials

Component	Material Options
Case	Steel / SS304 / Plastic
Bourdon Tube	Brass / 316 Stainless Steel
Connection	Brass / Stainless Steel
Movement	Brass / Stainless Steel
Dial & Pointer	Aluminum
Window	Acrylic / PC / Glass

Connection Details

Thread Standards

PT (BSPT/ZG) • BSP (G/PF) • NPT

Thread Sizes

1/8", 1/4", 3/8", 1/2"

Applications

Recommended Use

- Hydraulic systems
- Pneumatic systems
- Compressors
- Compressed air systems
- Vibration and pulsation protection