

Industrial Pressure Gauge with Stainless Steel Tube

This process pressure gauge is designed for accurate and reliable pressure measurement in industrial applications. It features a robust construction with a 316 stainless steel tube and socket, ensuring compatibility with a wide range of process fluids.



Overview

Industrial Pressure Monitoring

This industrial-grade pressure gauge is engineered for high-safety requirements and environments prone to dynamic pressure pulsations or vibrations. Featuring a liquid-filled case for enhanced durability, it is suitable for use with corrosive environments and various gaseous or liquid media. The robust design includes a 316 stainless steel tube and socket, ensuring long-term reliability and leak prevention in demanding industrial applications.

Technical Specifications

Nominal Size	4.5 inch (115mm)
Pressure Range	-1 Bar to 1000 Bar (-30"Hg to 15000 Psi)
Accuracy Class	±1%, ±1.6%
Operating Temperature	-40°C to +60°C

Materials and Construction

Bourdon Tube Construction

Pressure Level	Tube Type
<100 Bar	C-Type
≥100 Bar	Helical Type

Wetted Materials

- Copper alloy or Stainless steel tube
- Brass or Stainless steel connection
- Nitrile or Silica gel gaskets

Case and Bezel	Polypropylene
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Connection and Configuration

Available Threads	1/8", 1/4", 3/8", 1/2", PT, BSPT, ZG, BSP, G, PF, NPT
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Key Performance Metrics

Performance Metrics

1000 Psi Max Pressure Capacity	1 % Accuracy Tolerance
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