Differential Pressure Gauge with Double Bourdon Tube

This differential pressure gauge employs a double Bourdon tube mechanism to ensure accurate pressure measurement. The gauge features a robust stainless steel casing and dual scales for industrial applications.

Product Overview

High-Precision Differential Pressure Measurement

This double Bourdon tube differential pressure gauge is engineered for the precise measurement of differential pressures or two independent pressure sources. Designed for durability and reliability, it features a robust stainless steel casing and safety glass window, making it suitable for demanding industrial environments. Ideal for heating, ventilation, and air-conditioning (HVAC) systems, this gauge provides accurate, dependable readings for critical infrastructure applications.

Technical Specifications

Nominal Size	100 mm
Accuracy Class	1.6
Scale Ranges	0 to 1000 bar

Construction & Materials

Window Material
Safety glass • Tempered glass

Pressure Element	Stainless steel (C-type or helical type)
Case Material	Matte or polished stainless steel
Bezel Ring	Bayonet bezel

Installation

Process Connection	Stainless steel, lower mount (LM)
Thread	Customizable upon request

Applications

Suitable Applications

- Heating systems
- Ventilation systems
- Air-conditioning systems
- Independent measuring systems