

Stainless Steel Pressure Gauge

This Stainless Steel Bourdon Tube Pressure Gauge provides a visual pressure level indication of liquid or pneumatic media of a corrosive nature. Suited for BERMAD fire protection valves that are intended to be installed in harsh conditions such as chemical or petro-chemical plants, power plants, mining, offshore and onshore.

The core of the Pressure Gauge is a spring suspended movement, which is resistant to shock, vibration and pulsation, assuring long lasting and accurate performance. The Glycerin liquid filled case is suitable for high dynamic pressure pulsations or vibrations, with excellent shock resistance. The pressure gauge utilizes an impact/heat resistant window, rated for IP 65 ingress protection per EN 60 529/IEC 529 and complies with EN 837-1 design.



(for illustration only)

Materials

- Socket and Bourdon Tube: Stainless Steel 316
Option: Monel 400
- Case: Stainless Steel, Glycerin filled
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- Window: Laminated safety glass
- Dial: Coated Aluminum
- Pointer: Coated Aluminum

End Connections

- 1/4" NPT (M)

Dual Scale

- 0-20 bar / 0-300psi
- Optional: 0-25 bar / 0-350 psi

Case Size

- 100mm (4")

Accuracy

- 1% of full scale

Temperature Range

- Ambient: -20°C to 60°C (-4°F to 140°F)
- Max. Fluid: 100°C (212°F)
- Optional: low temperature type

Ingress Protection

- IP 65 per EN 60529 / IEC 60529

Installation

Gauges must be handled with care. They must be stored in a cool, dry place in their original shipping box. Never install gauges that have been dropped or damaged in anyway. Such gauges should be destroyed immediately. Adequate heat must be provided where gauges are installed. The gauges must be protected from mechanical damage. Install the gauges according to the following steps:

1. Apply a small amount of pipe-joint compound or tape to the external threads of the gauge only. Take care that no joint compound is allowed into the orifice of the gauge.
2. Turn the unit clockwise to thread the gauge into the outlet of the coupling.
DO NOT overtighten the gauge.

