

### PC Case Pressure Gauge

This Bourdon Pressure Gauge with a polycarbonate (PC) casing provides a visual indication of water or air pressure for BERMAD water control valves, such as Deluge, Preaction, Pressure Control and Remote Control Valves.

The core of the Pressure Gauge is a spring suspended movement, which is resistant to reasonable levels of shock, providing long lasting performance.

The Polycarbonate casing provides impact and corrosion resistance..

This Pressure Gauge compiles with EN 837-1 & ASME B40.100 design requirements and is, UL-Listed and FM approved for Fire Protection Systems.



(for illustration only)

#### Features

- UL-Listed, United States and Canada
- Factory Mutual (FM) Approved
- Cost Effective

#### Materials

- Case: Black Polycarbonate (PC)
- Window: Clear Polycarbonate (PC)
- Dial: Coated Aluminum
- Pointer: Black Coated Aluminum
- Bourdon Tube: Copper alloy
- Socket: Nickel Plated Brass
- Optional: Nickel-plated socket

#### End Connections

- 1/4" NPT (M)

#### Case Scale

- 0-20 bar / 0-300 psi

#### Dial Size

- 4" (100mm)

#### Accuracy

- 3% of full scale (ASME B40.100 Grade B)

#### Temperature Range

- -40°C to 60°C (-40°F to 140°F)
- Temperature effect: additional error when temperature changes from reference temperature of 20°C (68°F) +0.4% for every 10°C (18°F) rising or falling

#### 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.

