

**1. Specifications**

**Rated Total Pressure:** 50psig (3.455bar) surge; 30 psig (2.067bar) continuous to either pressure connection.

**Media Compatibility:** Air and compatible non combustible gases.

**Accuracy:** ±5% full span at 20°C (68 °F).

**Ambient Temperature Range:** -6.7 to 49°C (20 to 120°F).

**Process Connections:** high and low pressure taps – on the top.

**Housing:** Glass-filled nylon, polycarbonate cover.

**Mounting:** Vertical, consult the factory for other positions

**Weight:** 220g

**3. Mounting**

**2. Installation**

**Surface Mounting**

Drill 2 holes to match the holes on the back of the gauge. Secure the gauge with 2 mounting screws of suitable length provided.



* Upon receipt please inspect the instrument for the intended application range.
* The instrument should be installed in a place where excessive pressure is not present and the ambient temperature is less than 49°F (120°C).
* All standard P700 gauges are calibrated in the vertical position. To maintain the specified accuracy, the gauge must be mounted in the vertical position.

**5. Zero Adjustment**

**4.** **Pressure Connections**

Zero adjustment can be made after the installation. Use the zero adjusting screw at the bottom of the cover to zero the pointer while both the high and low pressure ports are open to atmospheric pressure.

**Positive Pressure Measurement:** Connect the pressure tubing to the port marked “HI” on the gage. Vent the port marked “LO” to atmosphere.



No special maintenance required other than keeping case exterior and covers clean.

**6. Maintenance**

**7. Dimensions (mm)**

**Negative Pressure Measurement:** Connect the pressure tubing to the port marked “LO” on the gage. Vent the ports marked “HI” to atmosphere.

**Differential Pressure Measurement:** Connect the higher pressure tubing to the port marked “HI” on the gage.

Connect the lower pressure tubing to

the port marked “LO” on the gage.