



## **INSTA-FLOW PRESSURE GAUGE SPECIFICATIONS**

### **PERFORMANCE:**

<b>Accuracy</b>	<b>2½" ± 1.5% of Full Scale (Grade B)</b> <b>4" ± 1.0% of Full Scale (Grade 1A)</b> <b>6" ± 1.0% of Full Scale (Grade 1A)</b>
<b>Over-Range Capability</b>	<b>+ 25%</b>
<b>Repeatability</b>	<b>± 0.5% of Full Scale</b>
<b>Linearity</b>	<b>± 0.5% of Full Scale</b>
<b>Hysteresis</b>	<b>± 0.5% of Full Scale</b>
<b>Process Temperature Range</b>	<b>-4 to 176 °F (-20 to 80 °C) <sup>(1)</sup></b>
<b>Ambient Operating Limits</b>	<b>-40 to 140 °F (-40 to 60 °C)</b>
<b>Ambient Storage Limits</b>	<b>-40 to 250 °F (-40 to 121 °C)</b>

### **CONSTRUCTION:**

<b>Available Dial Sizes</b>	<b>2½" (63 mm)</b> <b>4" (100 mm)</b> <b>6" (160 mm)</b>
<b>Connection Type</b>	<b>¼" &amp; ½" NPT Male</b>
<b>Compliance</b>	<b>NEMA 4X; IP67</b>
<b>Product Contact Material</b>	<b>316L Stainless Steel</b>
<b>Case and Lens Ring Material</b>	<b>304 Stainless Steel</b>
<b>Lens Material</b>	<b>2½" Dial – Polycarbonate: ¼" Thick (6.4 mm)</b> <b>4" Dial – Shatter-Resistant Laminated Glass</b> <b>6" Dial – Shatter-Resistant Laminated Glass</b>
<b>Dial Face Material</b>	<b>Aluminum Printed with UV Inks (no adhesive labels)</b>
<b>Bourdon Tube</b>	<b>316L Stainless Steel</b>
<b>Socket</b>	<b>316L Stainless Steel</b>
<b>Re-Zero Adjustment</b>	<b>Optional (100% of Span) <sup>(2)</sup></b>
<b>Standard Case Fill Media</b>	<b>99.7 USP Food Grade Glycerin <sup>(3)</sup></b>
<b>Approx. Shipping Weight</b>	<b>2½" Dial – 1 lb. (1 kg)</b> <b>4" Dial – 2 lbs. (1 kg)</b> <b>6" Dial – 4 lbs. (2 kg)</b>

<sup>(1)</sup> For higher temperature applications - please consult factory or see website configurator

<sup>(2)</sup> Re-zero feature on 4" and 6" dials requires optional polycarbonate lens

<sup>(2)</sup> For other fill options – please consult factory or see website configurator