Capsule Pressure Gauges
Solid-Front Process Gauge
Types 612.34, 632.34 & 662.34

Applications

- Where measurement of low pressures is needed
- Suitable for corrosive environments and gaseous or liquid media that will not obstruct the pressure system
- Process industry: chemical/petrochemical, power stations, mining, on and offshore, environmental technology, mechanical engineering and plant construction

Special features

- Solid front thermoplastic case
- Brass, 316SS or Monel® wetted parts
- Ranges from 10” H₂O

Standard Features

Design
ASME B40.100

Sizes
4½ (115 mm) dial size

Accuracy class
± 2/1/2% of span (ASME B40.100 Grade A)

Ranges
6X2.34: 10” H₂O to 10 psi or other equivalent units of pressure or vacuum

Working pressure
Steady: full scale value
Fluctuating: 0.9 x full scale value

Operating temperature
Ambient: -4°F to +140°F (-20°C to +60°C)
Medium: +212°F (+100°C) maximum

Temperature error
Additional error when temperature changes from reference temperature of 68°F (20°C) ±0.6% for every 18°F (10°C) rising or falling. Percentage of span.

Weather protection
Weather resistant (NEMA 3 / IP54)

Pressure connection
Material: copper alloy - Type 612.34
Material: 316L stainless steel - Type 632.34
Material: Monel® - Type 662.34
Lower mount (LM)
1/4” or 1/2” NPT

Capsule element
Material: copper alloy - Type 612.34
Material: 316L stainless steel - Type 632.34
Material: Monel® - Type 662.34

Movement
Stainless steel

Dial
White aluminum with black lettering, stop pin at 6 o’clock

Pointer
Black aluminum, adjustable

Case
Black glass-reinforced thermoplastic (PBTP)
Solid front, blowout back
Turret-style case with built in rear flange lugs
Window
Clear acrylic with Buna-N gasket

Optional extras
- Threaded restrictor
- 10X overpressure or vacuum safety
- Panel mounting adaptor kit (field assembled)
- Instrument glass or safety glass window
- Special process connections
- Custom dial layout
- Case fillings available, ranges 40" H₂O & up

Dimensions

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>J</th>
<th>K</th>
<th>M</th>
<th>N</th>
<th>R</th>
<th>S</th>
<th>T</th>
<th>W</th>
<th>Weight¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.5&quot;</td>
<td>mm</td>
<td>128</td>
<td>103</td>
<td>84</td>
<td>6.3</td>
<td>40</td>
<td>148</td>
<td>136.5</td>
<td>25</td>
<td>12.5</td>
<td>22</td>
<td>2 lb.</td>
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<tr>
<td></td>
<td>in</td>
<td>5</td>
<td>4.06</td>
<td>3.31</td>
<td>0.248</td>
<td>1.57</td>
<td>5.83</td>
<td>53.7</td>
<td>0.99</td>
<td>0.49</td>
<td>1/2&quot;</td>
<td>0.87</td>
</tr>
</tbody>
</table>

¹ Weight without optional accessories