Applications
- Robust design and weather protection, suitable for outdoor use
- Suitable for dry, gaseous media that will not attack 316 stainless steel parts
- Process industry: chemical/petrochemical, power stations, mining, on and offshore, environmental technology, mechanical engineering and plant construction

Special features
- Zero-adjustment through window
- All stainless steel construction
- Low pressure ranges from 1" H₂O to 275" H₂O

Standard Features
Design
ASME B40.100 & EN 837-3

Sizes
2½", 4" & 6" (63, 100 and 160 mm)

Accuracy class
±1.5% of span

Ranges
2½": 16" H₂O to 275" H₂O (40 to 685 mbar)
4": 10" H₂O to 275" H₂O (16 to 685 mbar)
6": 1" H₂O to 275" H₂O (2.5 to 685 mbar)
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: 316L stainless steel
Lower mount (LM) or center back mount (CBM) - 2½"
Lower mount (LM) or lower back mount (LBM) - 4" & 6"
1/4" NPT or 1/2" NPT limited to wrench flat area

Capsule element
Material: 316L stainless steel with Viton sealing ring

Movement
Stainless steel

Dial
White aluminum with black lettering

Pointer
Black aluminum

Case
304 stainless steel with stainless steel bayonet ring

Window
Laminated safety glass

Case fill
Glycerine/Water or Silicone - Type 633.50
(only available for full scale ranges > 40" H₂O)
Optional extras

- Other pressure connections
- ±1.0% accuracy (ASME B40.100 Grade 1A)
- SS front flange
- U-clamp mounting, SS
- Silicone or fluorolube case filling
- Over and underpressure protection
- Special connections limited to wrench flat area
- Custom dial layout

### Dimensions

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>G</th>
<th>H¹</th>
<th>J</th>
<th>L</th>
<th>M</th>
<th>N</th>
<th>S</th>
<th>T</th>
<th>W</th>
<th>Weight²</th>
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<tbody>
<tr>
<td>2.5”</td>
<td>63</td>
<td>51</td>
<td>42</td>
<td>62</td>
<td>9</td>
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<td>0.41 lb.</td>
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<tr>
<td>4”</td>
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<td>85</td>
<td>49.5</td>
<td>99</td>
<td>15.5</td>
<td>78</td>
<td>30</td>
<td>4.8</td>
<td>3</td>
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<td>116</td>
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<td>22</td>
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<td></td>
<td>1.32 lb.</td>
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<tr>
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<td>160</td>
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<td>159</td>
<td>15.5</td>
<td>78</td>
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<td>2.42 lb.</td>
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</tbody>
</table>

¹ For size 2.5”, connection is center back mount (CBM)
² Weight without optional accessories

Ordering information
Pressure gauge model / Nominal size / Scale range / Size of connection / Optional extras required
Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing.
Modifications may take place and materials specified may be replaced by others without prior notice.