Applications

- Suitable for corrosive environments and gaseous or liquid media that will not obstruct the pressure system
- Ideal when a smaller size instrument is needed
- CDA (Clean Dry Air) applications

Special features

- All stainless steel construction
- 316L wetted parts
- Cost effective and reliable
- Positive pressure ranges to 15,000 PSI

Description

Design
ASME B40.100 & EN 837-1

Sizes
1.5", 2" & 2½" (40, 50 and 63 mm)

Accuracy class
± 2.5% of span

Ranges
Vacuum / Compound to 200 psi
Pressure from 15 psi to 10,000 psi or equivalent units of pressure and vacuum

Working pressure
Steady: 3/4 of full scale value
Fluctuating: 2/3 of full scale value
Short time: full scale value

Operating temperature
Ambient: -40°F to +140°F (-40°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) ±0.4% for every 18°F (10°C) rising or falling. Percentage of span.

Pressure connection
Material: 316L stainless steel
Lower mount (LM) or center back mount (CBM)
1/8" or 1/4" NPT (male)

Bourdon tube
Material: 316L stainless steel
≤ 1,000 PSI: C-type
> 1,500 PSI: helical type

Movement
Stainless steel

Dial
White aluminum with black lettering, with stop pin

Pointer
Black aluminum

Case
Stainless steel

Window
Snap-in polycarbonate
### Optional extras
- Friction fit cover ring with instrument glass window
- Special threaded connection
- U-clamp panel mount
- Front flange (for 2½" size only)

### Dimensions

<table>
<thead>
<tr>
<th>Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>E</th>
<th>G</th>
<th>T</th>
<th>W</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>1.5&quot;</td>
<td>mm</td>
<td>40</td>
<td>37</td>
<td>25</td>
<td>9</td>
<td>50.5</td>
<td>14</td>
<td>0.11 lbs.</td>
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<tr>
<td></td>
<td>in</td>
<td>1.54</td>
<td>1.46</td>
<td>0.98</td>
<td>0.35</td>
<td>1.99</td>
<td>1/8&quot;</td>
<td>0.55</td>
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<tr>
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<td>1/4&quot;</td>
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<tr>
<td>2.5&quot;</td>
<td>mm</td>
<td>63</td>
<td>54</td>
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<td>10</td>
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<td>1.10</td>
<td>0.39</td>
<td>2.11</td>
<td>1/4&quot;</td>
<td>0.55</td>
</tr>
</tbody>
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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.