**Diaphragm Pressure Gauges**  
**Process Industry Series Sealgaugé®**  
**Type 432.56 - Dry Case**  
**Type 433.56 - Liquid-filled case**

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**Applications**

- With liquid filled case for applications with high dynamic pressure pulsations or vibration and overpressure
- Suitable in corrosive environments for gaseous, liquid or highly viscous media.
- Process industry: chemical/petrochemical, power stations, mining, on and offshore, environmental technology, mechanical engineering and plant construction

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**Special features**

- Wide selection of special wetted materials
- All stainless steel construction
- High overpressure safety up to 1,500 psi

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**Standard Features**

**Design**  
EN 837-3

**Sizes**  
4” & 6” (100 & 160 mm)

**Accuracy class**  
± 1.5% of span

**Ranges**  
Vacuum / Compound to 200 psi  
Pressure from 10” H₂O to 100” H₂O (6” flange diameter)  
Pressure from 6 psi to 600 psi (4” flange diameter)  
or other equivalent units of pressure or vacuum

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

**Overpressure safety**  
Choice of 600 psi or 1,500 psi

**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) ±0.8% for every 18°F (10°C) rising or falling. Percentage of span.
Case
304 stainless steel with blowout disk and stainless steel bayonet ring

Window
Laminated safety glass with Buna-N gasket

Case fill
Glycerine - Type 433.56

Optional extras
- Underpressure safe to -30"Hg
- Silicone or fluorolube case filling
- Special connections limited to wrench flat area
- Open flange connections (300# ASME maximum)
- Instrument glass or acrylic window
- Cleaned for oxygen service
- Extended media temperature to +392°F
- Exotic metal or PTFE lining for open flanges
- Alarm contacts switches (magnetic or inductive)
- Special process connections
- 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>G¹</th>
<th>S</th>
<th>T</th>
<th>W</th>
<th>Weight</th>
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<tbody>
<tr>
<td>4&quot;</td>
<td>mm</td>
<td>100</td>
<td>104</td>
<td>49.5</td>
<td>99</td>
<td>15.5</td>
<td>100</td>
<td>17.5</td>
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<td>17.5</td>
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<td>1/2&quot;</td>
<td>1.06</td>
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¹ For ranges 100"H₂O and lower, G dimension changes to 160 mm (6") and weight increases by 4.0 lb.