Instrumentation

Bimetal Dial Thermometers

Bimetal Dial Thermometers for Industrial Applications

Typical Applications

- Oil, Gas & Petrochemical
- Waste Water
- Pharmaceutical
- Compost

- Food & Beverage
- Power Generation
- Military
- Utilities
- Paper and Pulp
- Refrigeration
- Dairy
- Marine
- and Many More !!!

Bimetal Dial Thermometers are ideal for when you need a simple, "local" temperature display.

Tempco offers 2 styles: Backmounted and Adjustable Angle, each available with either 3" or 5" dials.

Backmounted Bimetal Dial Thermometers

Design Features

- All Stainless Steel Construction
- Hermetically Sealed (ASME B40.3)
- Accurate to 1% of Full Scale
- Standard External Reset
- Silicone Fillable for Vibration Resistance
- 1/2" NPT Connection Standard
- Selected 3" and 5" Dial Thermometers Available from Stock

Backmounted Bimetal Dial Thermometers Standard Sizes and Ranges

<table>
<thead>
<tr>
<th>Dial Dia. (in)</th>
<th>Stem Length (in)</th>
<th>Part Number by Temperature Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>2.5</td>
<td>BMT10001, BMT10004, BMT10007, BMT10010, BMT10013, BMT10016</td>
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<td>4</td>
<td>BMT10002, BMT10005, BMT10008, BMT10011, BMT10014, BMT10017</td>
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<td>6</td>
<td>BMT10003, BMT10006, BMT10009, BMT10012, BMT10015, BMT10018</td>
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<tr>
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<td>2.5</td>
<td>BMT10019, BMT10022, BMT10025, BMT10028, BMT10031, BMT10034</td>
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<td>BMT10020, BMT10023, BMT10026, BMT10029, <strong>BMT10032</strong>, BMT10035</td>
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<td>BMT10021, BMT10024, BMT10027, BMT10030, BMT10033, BMT10036</td>
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</tbody>
</table>

Stock Items Are Shown In RED

Adjustable Angle Bimetal Dial Thermometers

Design Features

- Complete 180° Adjustability
- 360° Case Rotation
- All Stainless Steel Construction
- Hermetically Sealed (ASME B40.3)
- Accurate to 1% of Full Scale
- Standard External Reset
- Silicone Fillable for Vibration Resistance
- 1/2" NPT Connection Standard
- Selected 3" and 5" Dial Thermometers Available from Stock

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