Any-Angle Stainless Steel Thermometer

Dial Size 100mm, 125mm, 150mm (4", 5", 6")

These instruments are designed for explosive atmospheres in food, processing, pharmaceutical, gas processing industries and conventional power plants. The STEWARTS temperature gauges are in conformity with the essential Health and Safety Requirements laid down in European Directive 2014/34/EU for Group II, Category 2G or 2D equipment in the T1...T6 temperature classes, as specified by EN ISO 80079-36:2016 and EN ISO 80079-37:2016 standards.

NOT suitable for ZONES 0 and 20.

Equipment Group: II
Equipment Category: Gas 2G and Dust 2D

100mm, 125mm & 150mm are available, as fillable version or filled version. They have the same functional and constructive features as all 2050 series models. (See standard 2050 series data sheet)

They differ from them as follows:

Ambient temperature:
- Unfilled Gauge: -40°C to + 60°C (-40 to + 140°F)
- Pure Glycerine: 0°C to + 60°C (32 to + 140°F)
- 80/20 Glycerine: -20°C to + 60°C (-4 to + 140°F) (STANDARD)
- 60/40 Glycerine: -40°C to + 60°C (-40 to + 140°F) (STANDARD)
- Silicone 200/200: -40°C to + 60°C (-40 to + 140°F) (STANDARD)
- Silicone 200/2: -50°C to + 60°C (-58 to + 140°F)

Damping liquids: glycerine, silicon oil.

Protection degree: IP 66 as per EN 60529/IEC 529.

Max allowable surface temperature: See table (measured at gauge connection inlet).

<table>
<thead>
<tr>
<th>Class</th>
<th>Instrument Case Dry</th>
<th>Instrument Case Filled</th>
</tr>
</thead>
<tbody>
<tr>
<td>T6:</td>
<td>85°C (185°F)</td>
<td>90°C Glycerine</td>
</tr>
<tr>
<td>T5:</td>
<td>100°C (212°F)</td>
<td></td>
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<tr>
<td>T4:</td>
<td>135°C (275°F)</td>
<td></td>
</tr>
<tr>
<td>T3:</td>
<td>200°C (392°F)</td>
<td>200°C Silicone</td>
</tr>
<tr>
<td>T2:</td>
<td>300°C (572°F)</td>
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</tr>
<tr>
<td>T1:</td>
<td>450°C (842°F)</td>
<td></td>
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</tbody>
</table>

Window: Safety glass.

Dial marking: ll 2GD Ex h llC Tx Gb X (year of manufacture, model name, name of manufacturer and serial number. Tx and X represent unknown process conditions and applications (Refer to ATEX installation manual)

Special dial: Scale ranges outwith standard EN13190, custom artworks and dials without Stewarts logo are not available.

Options: Perspex or glass windows are not available.

Further options: (To prevent potential ignition source from becoming effective)
- Liquid filled / Suitable for liquid filling

Included documentation: ATEX Installation manual. (This is an integral part of the supply, read carefully before using product)