

# Back entry thermometer

## Technical information

|                        |                                                                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Execution</b>       | Bimetallic (BI) or Gasfilled (GF)                                                                                                                |
| <b>Case diameter</b>   | To be specified, standard 100 or 160mm                                                                                                           |
| <b>Case material</b>   | Stainless steel                                                                                                                                  |
| <b>Insert material</b> | Stainless steel                                                                                                                                  |
| <b>Window</b>          | Instrument glass or laminated safety glass                                                                                                       |
| <b>Insert length</b>   | 70x10mm (X) below case standard for mounting compression fitting<br>Length (L) to be specified according to thermowell or protection tube length |
| <b>Diameter</b>        | 6.0mm standard, other diameters possible                                                                                                         |
| <b>Accuracy</b>        | Class 1 according to EN 13190 (Case 100 mm and 160 mm)<br>Grade A (1 %) according to ASME B40.200 (Case 3" and 5")                               |

## Range

-50...50°C up to 0...500°C, to be specified  
-80...120°F up to 200...1000°F, to be specified  
We always supply with a 10-20° overrange. For example, your measurement range is +40/+120°C we will supply a dial with scale from +20/+140°C

**Units** Available in °C or °F or with dual scale °C/°F

## Options

ATEX certification  
Calibration certificate  
IP65/66/68 rating  
Silicone liquid filling  
External adjustment  
Compressionfitting 1/2"NPT or 1/2"BSP (G1/2")

