



## Type bimetal thermometers with measuring stem, center back mount

- Highly corrosion resistant and rugged bayonet housing made of stainless steel, suitable for industrial ambient conditions
- Fast response indication of temperature changes
- High precision, i.e. repeatability and low measurement hysteresis
- Standard measuring ranges acc. to EN 13190 from  $-40^{\circ}\text{C}$  to  $+600^{\circ}\text{C}$
- High measurement accuracy: class 1 acc. to EN 13190
- Standard measuring stem made of CrNi steel 1.4571  $\varnothing$  8 mm; optional  $\varnothing$  7 and  $\varnothing$  9 mm
- Can be combined with a wide range of thermowell connection types



### technical features:

- Product design standard: in compliance with EN 13190
- Measuring principle: Temperature-related longitudinal expansion of metals
- Scale ranges:  $-40^{\circ}\text{C}$  to  $+600^{\circ}\text{C}$ , acc. EN 13190
- Measuring accuracy: Class 1, acc. to EN 13190
- Measuring range span: min.  $60^{\circ}\text{C}$ , e.g.  $-20^{\circ}$  to  $+40^{\circ}\text{C}$
- Nominal size: NS 63; NS 80; NS 100; NS 160
- Connection position: central towards the back
- Housing type: Housing with bayonet ring
- Housing material: CrNi steel: 1.4301
- housing protection type: IP54 acc. to EN 60529 / IEC 529
- Pointer correcting adjustment: Brass screw in immersion stem end
- Scale division: acc. to EN 13190
- Standard measuring stem: See standard measuring stem and thermowell types made of CrNi steel
- Minimum immersion depth: 40mm