

# Resistance thermometer

## TYPE B



Marine



HVAC



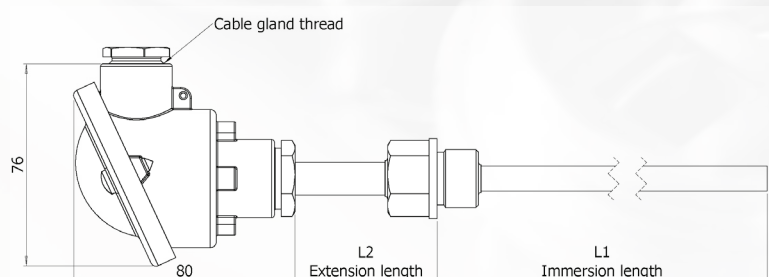
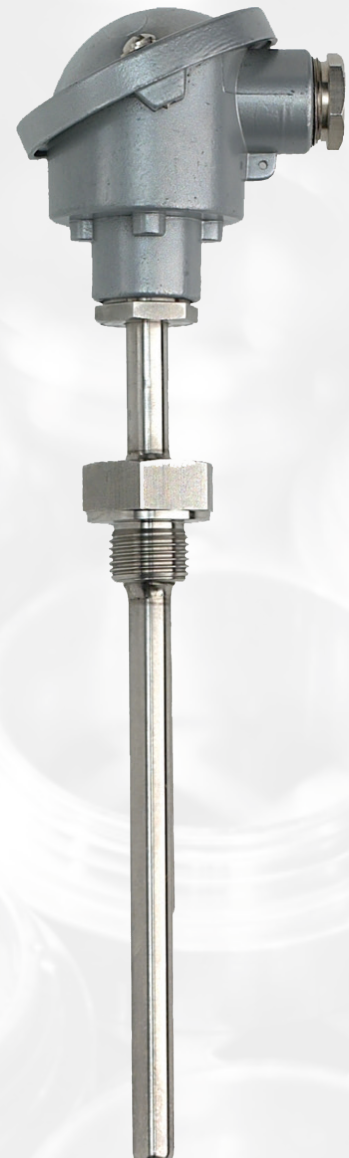
Process Industry



WIND

### With extension length and exchangeable insert

- Threaded immersion thermometer - Form B - DIN 43765 for measurement of temperatures in gases, vapours, and fluids, e.g. in sealed pipelines - in the LOW-PRESSURE RANGE (Pressure test at 75 bars).
- Removable insert type MI60. Ø6 mm immersion sheath of stainless steel according to DIN 43762. Sensing element according to EN 60751.
- Protective sheath Ø9x1/Ø11x1 mm, Form B of stainless steel, AISI 316L according to DIN 43763.
- Extension length Ø12 for protective sheath Ø9 and Ø14 for protective sheath Ø11.
- 1/2" BSP mounting thread. (Rated torque: max. 50 Nm)
- Form B connection head of light alloy according to DIN 43729, protection IP 65, cable gland M20.
- Response time (mean values) measured at velocities in:  
water at 0.4 m/s:  $\tau_{0.5} = 23$  sec. -  $\tau_{0.9} = 71$  sec.  
air at 3.0 m/s:  $\tau_{0.5} = 77$  sec.
- Recommended measuring current: max. 2mA.
- Approvals: DNV-GL - for L2/ext. length up to 140 mm and L1/immersion length up to 200 mm, Bureau Veritas, DNV-GL EU RO MR.



EU RO MUTUAL RECOGNITION TYPE APPROVAL CERTIFICATE - Group members are:



Ordering: See ordering form on back page



# ORDERING FORM / RESISTANCE THERMOMETER \*

## TYPE B

		V 3.0	
<p><b>Immersion/L1/mm</b> Min. 50 mm - max. 1,000 mm Optional length<sup>1)</sup> ....</p>	<p><b>Sheath dia./thickn./mm</b> Ø9x1 ..... 3 Ø11x1 ..... 4</p>	<p><b>Extension length/L2/mm</b> None ..... X Optional length .....</p>	<p><b>Mounting thread</b> 1/2" BSP ..... 1 3/4" BSP ..... 2 1" BSP ..... 3 1/2" NPT ..... 4 Without thread ..... 5</p>
<p><b>Number of conductors</b> 2 cond. .... 2 3 cond. .... 3 4 cond. .... 4 Prepared for 3 cond. transmitter ..... 5 Prepared for 4 cond. transmitter ..... 6 Without insert ..... X</p>	<p><b>Cable Gland Thread</b> 1 ..... M20x1.5 2 ..... 1/2" NPT 4 ..... PG16</p>	<p><b>Temperature range</b> 1 ..... -50 / +260°C 2 ..... -50 / +600°C 4 ..... -50 / +400°C</p>	<p><b>Tolerance Class EN 60751</b> 1 ..... Cl. A: ±0.15°C 2 ..... Cl. B: ±0.3°C 3 ..... 1/3 Cl B: ±0.1°C 4 ..... 1/6 Cl B: ±0.05°C</p>
		<p><b>Resistance in ohms at 0°C</b> 1 ..... 100 3 ..... 1000</p>	<p><b>Number of elements</b> ..... 1xPt ..... 2xPt</p>

1) Only marine approved up to 200 mm length.

### Connection diagram:

