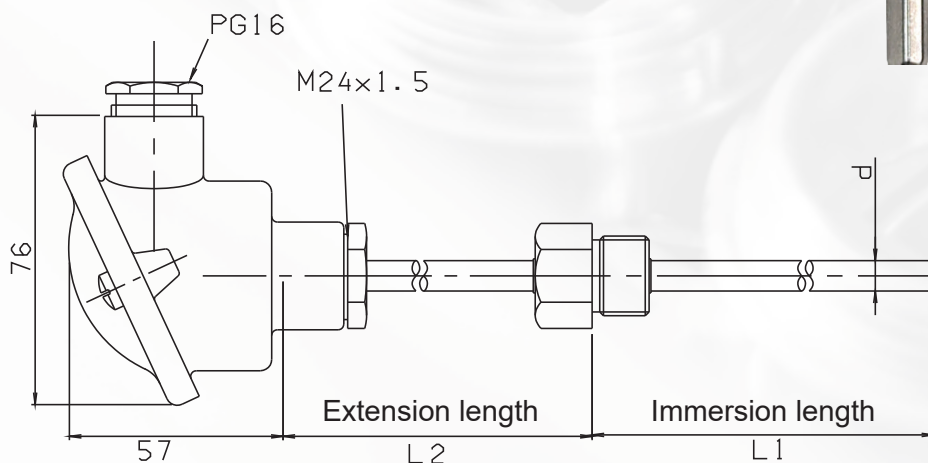
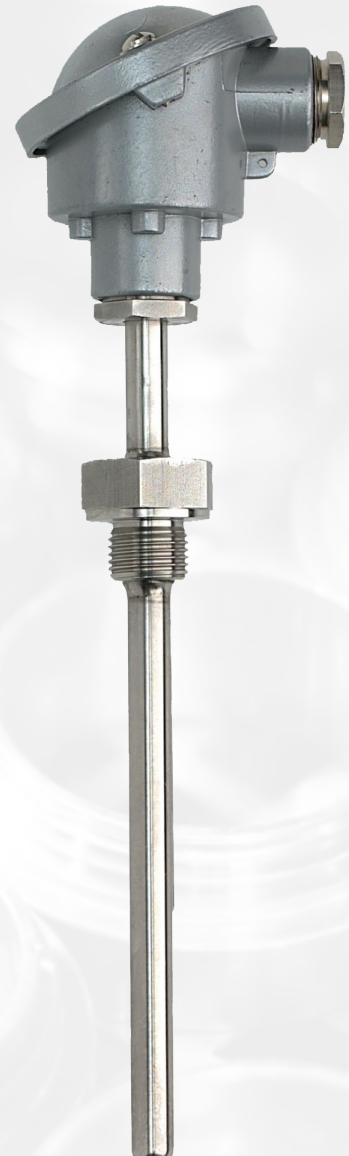


# Thermocouple TYPE TB

## With extension length and exchangeable insert

- Threaded immersion thermocouple - Form B - DIN 43765 for measurement of temperatures in gases, vapours, and fluids, e.g. in sealed pipelines and containers - in the LOW-PRES-SURE RANGE (Pressure test at 75 bars).
- Removable insert type TMI60, DIN 43735. Immersion sheath of stainless steel. Sensing element with on thermocouple according to DIN 43732. Tolerance class 2, IEC 584-2. Insulated measuring junction.
- Protective sheath Form B of stainless steel AISI 316L according to DIN 43763, AISI 316Ti.
- Rated torque: max. 50 Nm.
- Extension length  $\varnothing 9 \times 1$  mm, length 145 mm.
- 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:  $\tau_{0.5} = 18$  sec.  
air at 3.0 m/s:  $\tau_{0.5} = 96$  sec.



Ordering: See ordering form on back page

# ORDERING FORM / THERMOCOUPLE \*

# TYPE TB

		V 2.2	
<b>Imm. length/L1/mm</b> Min. 50 mm - max. 1,500 mm Optional length ..... <input type="text"/>		<b>Thermoelement EN 60584 - Type/work. temp./Cl. 1/2</b> 1 ... K - NiCr-Ni    -40°C/ +1,000°C/ +1,200°C 2 ... J - Fe-CuNi    -40°C/ +750°C/ +750°C 3 ... T - Cu-CuNi    -40°C/ +350°C/ +305°C 6 ... N - NiCrSi-NiSi -40°C/ +1,000°C/ +1,200°C	
<b>Sheath dia./thickn./mm</b> Ø9x1 ..... 1 Ø11x1 ..... 2			
<b>Extension length/L2/mm</b> None ..... X Min. 50 mm - max. 300 mm Optional length ..... <input type="text"/>		<b>Tolerance class</b> 1 ..... 1 2 ..... 2	
<b>Mounting thread</b> Whitout ..... 0 1/2" BSP ..... 1 3/4" BSP ..... 2 1" BSP ..... 3		<b>Number of thermocouples</b> 1 ..... 1xTC 2 ..... 2xTC 3 ..... 1xTC (Prepared for transmitter)	

### Connection diagram:



\*Some configurations are unavailable. Your Senmatic sales person will notify you if you have made an incorrect selection.