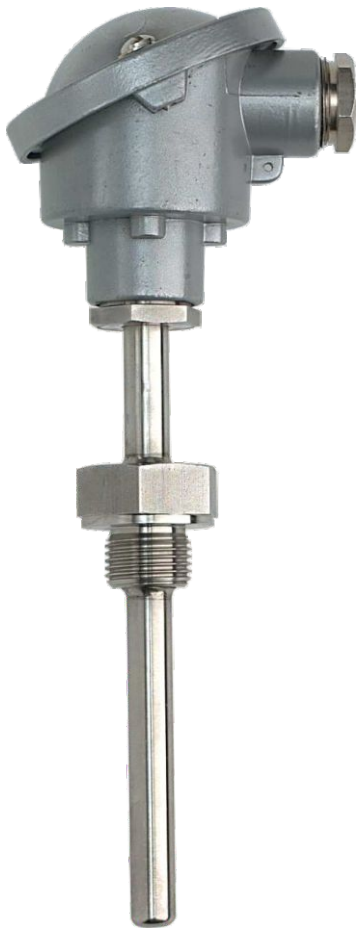




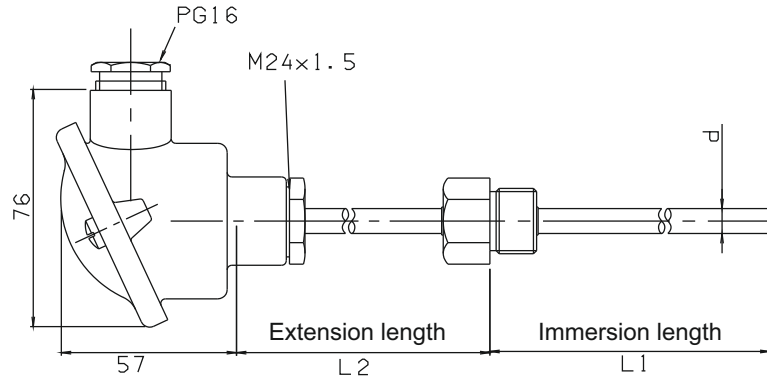
Thermocouple

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) at velocities in:
water w. 0.4 m/s: $t_{0.5} = 18$ sec.
air at 3.0 m/s: $t_{0.5} = 96$ sec.



Ordering: See ordering form on back page



ORDERING FORM / THERMO COUPLE TYPE TB

Type TB

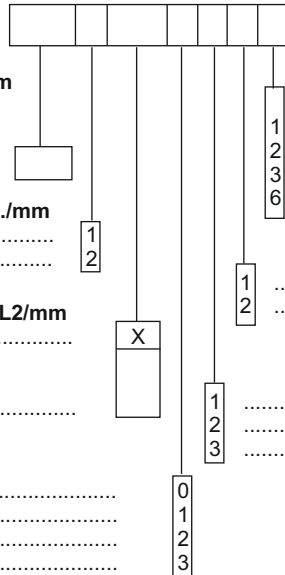


Imm. length/L1/mm
 Min. 50 mm -
 max. 1500 mm
 Optional length

Sheath dia./thickn./mm
 Ø9×1
 Ø11×1

Extension length/L2/mm
 None
 Min. 50 mm -
 max. 300 mm
 Optional length

Mounting thread
 Without
 1/2"BSP
 3/4"BSP
 1"BSP



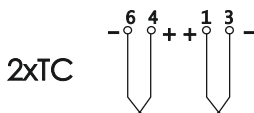
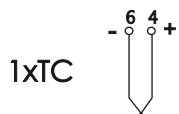
V2.1

**Thermo element -
 Type/working temperature**
 1 K - NiCr-Ni -40 / +800°C
 2 J - Fe-CuNi -40 / +700°C
 3 T - Cu-CuNi -40 / +300°C
 6 N - NiCrSi-NiSi-40 / +800°C

Tolerance class
 1 1
 2 2

Number of thermocouples
 1 1×TC
 2 2×TC
 3 1×TC (prepared f. transm.)

Connection diagram:



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