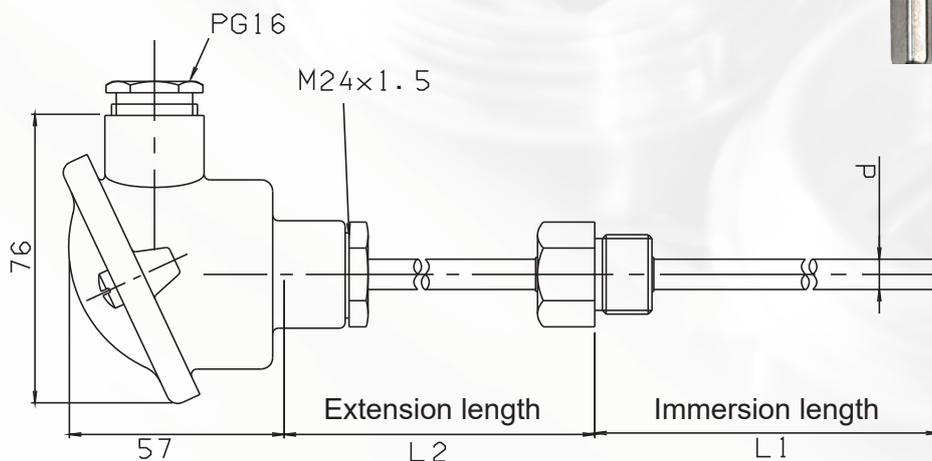


Thermocouple TYPE TB

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

Imm. length/L1/mm
 Min. 50 mm -
 max. 1,500 mm
 Optional length

Sheath dia./thickn./mm
 Ø9x1 1
 Ø11x1 2

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

Mounting thread
 Whitout 0
 1/2" BSP 1
 3/4" BSP 2
 1" BSP 3

**Thermoelement EN 60584 -
 Type/work. temp./Cl. 1/2**

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

Tolerance class
 1
 2

Number of thermocouples
 1xTC
 2xTC
 1xTC (Prepared for transmitter)

Connection diagram:



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