



### Technical Features:

Thermocouple (ⓐ):	Thermocouple	Plus	Minus	Norm
Type K	NiCr	NiAl	IEC 584	
Type J	Fe	CuNi	IEC 584	
Type L	Fe	CuNi	DIN 43710	
Type T	Cu	CuNi	IEC 584	
Type N	NiCrSi	NiSi	IEC 584	

Tolerance: Class 1 acc. to DIN IEC 584

Insulation Material: Densely packed MgO

Sheath Material: Type J, L and T: Stainless Steel, M.-No. 1.4571 or  
Stainless Steel, M.-No. 1.4541  
Type K, N: Inconel 600, M.-No. 2.4816

Hot Junction: Insulated

Insulation Resistance: > 50 MΩ at 20°C and 250 V DC

Probe Diameter (ⓑ): 0.15 mm (only Type K) 0.25 mm (only Type K)  
0.5 mm (only Type K and J)  
1.0 mm 1.5 mm 1.6 mm  
2.0 mm 3.0 mm 3.2 mm  
4.8 mm 6.0 mm 6.4 mm

Additional versions or swaged constructions on request

Probe Length „A“: Please specify

Termination: Standard Thermocouple Connector  
(see Datasheet S-020)

Accessories:	Article	Datasheet
Compression Fitting		T – 190

### Ordering Code:

T – 120 – ⓐ – ⓑ – A

ⓐ: Thermocouple (K, J, L)

ⓑ: Probe Diameter

### Example:

T – 120 – L – 3,0 – 1000