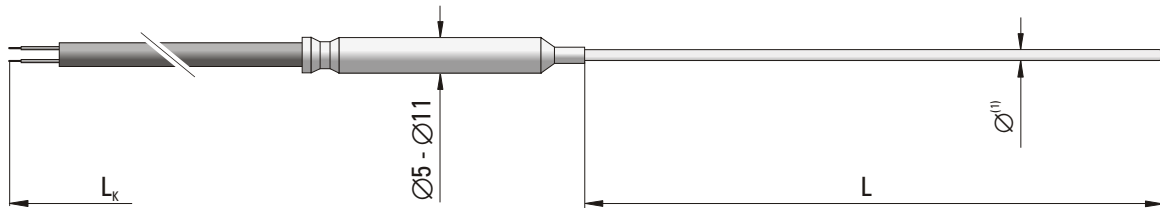


## TEMPERATURE SENSOR

Type: 201, 202, 203, 204, 205, 206



### SPECIFICATION

Sheathed thermocouple	Cu-CuNi (T) Fe-CuNi (J) NiCr-NiAl (K) NiCrSi-NiSi (N)
Measuring junction	grounded (type a), insulated (type b), exposed (type c)
Class of thermocouple	1
Sheath material	Inconel (T, J, K), Microbell (N)
Operating temperature of intermediate bush and cable	-20°C... +80°C <sup>(3)</sup>
Cable insulation	PVC <sup>(3)</sup>
Additional accessories	compression gland KP plug type MT (for use with hand held thermometers) <sup>(2)</sup>

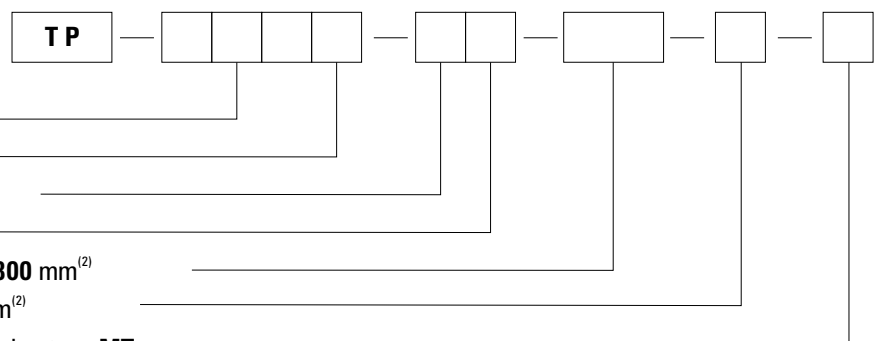
<sup>(1)</sup> Thermocouple of outer diameter  $\varnothing = 2$  mm on demand

<sup>(2)</sup> Other parameters according to customer's requirements

<sup>(3)</sup> Other cable insulation: silicon, PTFE, fiber glass, stainless steel armored sheath on demand

Sensor type	Outer diameter $\varnothing$ (mm)		Maximum temperature for thermocouple type T (°C)	Maximum temperature for thermocouple type J (°C)	Maximum temperature for thermocouple type K (°C)	Maximum temperature for thermocouple type N (°C)
	Single	Double				
TP-201	0,5	--	300	400	600	700
TP-202	1	--	400	600	900	1000
TP-203	1,5	1,5	400	600	1000	1100
TP-204	3	3	400	700	1100	1250
TP-205	4,5	4,5	--	800	1100	1250
TP-206	6	6	--	800	1100	1250

### ORDERING CODE



Sensor type 201, 202, 203, 204, 205, 206

Measuring element T, J, K or N

Single (1) or double (2) sheathed thermocouple

Measuring junction a, b or c

Sensor length L = 100, 200, 300, 400, 600 or 800 mm<sup>(2)</sup>

Length of compensation cable L<sub>k</sub> = 1, 1,5, 2,5 m<sup>(2)</sup>

Additional accessories: compression gland KP, plug type MT

**Example for order:** TP-204K-1b-200-1,5 single sheathed thermocouple sensor NiCr-NiAl (K) of diameter  $\varnothing = 3$  mm with measuring junction galvanically insulated from the sheath (typ b), length L = 200 mm and length of compensation cable L<sub>k</sub> = 1,5 m.