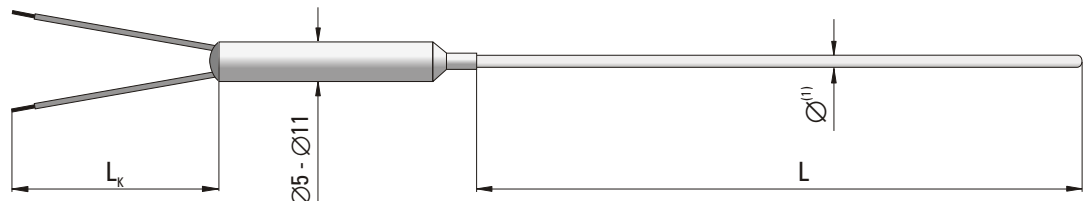
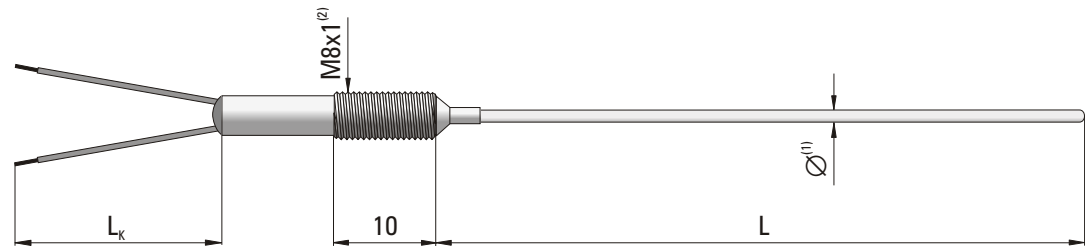


TEMPERATURE SENSOR

type 211
212
213
214



type 215
216
217
218



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

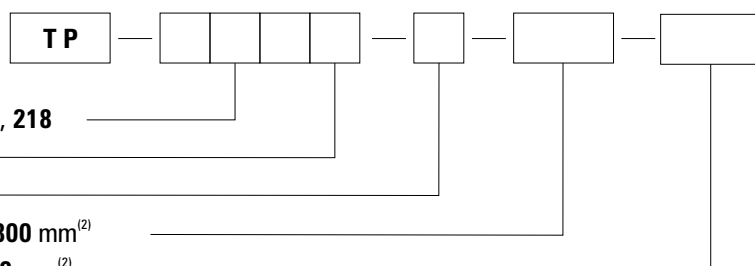
-20°C... +80°C⁽²⁾

⁽¹⁾ Thermocouple of outer diameter $\varnothing = 2$ mm on demand

⁽²⁾ Other parameters according to customer requirements

Sensor type		Outer diameter of thermocouple \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)
Bush	Thread M8x1 ⁽²⁾					
TP-211	TP-215	0,5	300	400	600	700
TP-212	TP-216	1	400	600	900	1000
TP-213	TP-217	1,5	400	700	1000	1100
TP-214	TP-218	3	400	700	1100	1250

ORDERING CODE



Sensor type **211, 212, 213, 214, 215, 216, 217, 218**

Measuring element **T, J, K or N**

Measuring junction **a, b or c**

Sensor length L = **100, 200, 300, 400, 600 or 800** mm⁽²⁾

Length of compensation cable L_k = **50, 100, 200** mm⁽²⁾

Example for order:

TP-214K-b-200-100 sheathed thermocouple sensor NiCr-NiAl (K) of diameter $\varnothing = 3$ mm with measuring junction galvanically insulated from sheath (type b), length L = 200 mm and length of compensation cable L_k = 100 mm.