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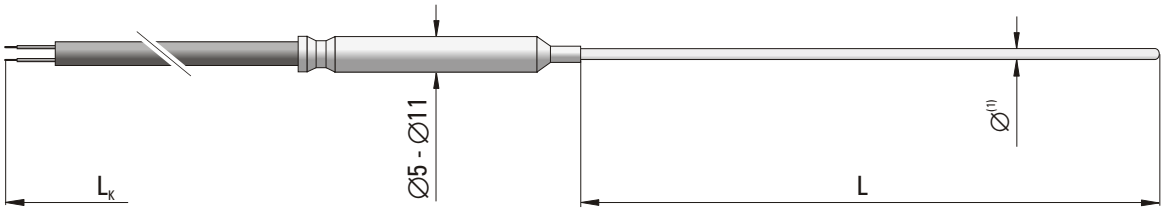
TEMPERATURE SENSOR

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



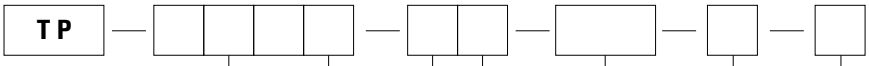
SPECIFICATION

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), Nicrobell (N)	
Operating temperature of intermediate bush and cable	–20°C...+80°C[3]	
Cable insulation	PVC[3]	
Additional accessories	compression gland KP	
	plug type MT (for use with hand held thermometers)[2]	

[1] Thermocouple of outer diameter ∅ = 2 mm on demand
[2] Other parameters according to customer's requirements
[3] Other cable insulation: silicon, PTFE, fiber glass, stainless steel armored sheath on demand

Sensor type	Outer diameter ∅ (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[2]
Length of compensation cable L_K = **1, 1,5, 2,5** m[2]
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 ∅ = 3 mm with measuring junction galvanically insulated from the sheath (typ b), length L = 200 mm and length of compensation cable L_K = 1,5 m.