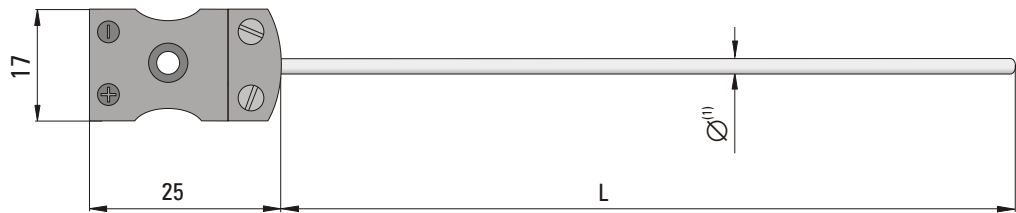
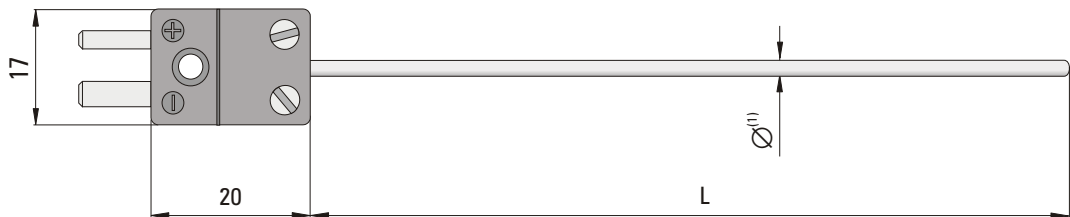


TEMPERATURE SENSOR

type 221
222
223
224



type 231
232
233
234



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)

Plug and socket operating temperature

-20°C...+150°C (-20°C...+600°C on demand)

Additional accessories

plug type **MT-x** or socket type **MT-Gx**
 compensation cable type **L2x** (x - type of thermocouple)
 compression gland **KP**

⁽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)
TP-221	TP-231	0,5	300	400	600	700
TP-222	TP-232	1	400	600	900	1000
TP-223	TP-233	1,5	400	600	1000	1150
TP-224	TP-234	3	400	700	1100	1250

ORDERING CODE



Sensor type **221, 222, 223, 224, 231, 232, 233, 234**

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⁾

Example for order:

TP-224K-b-200 sheathed thermocouple sensor NiCr-NiAl (K) of outer diameter $\varnothing = 3$ mm with measuring junction galvanically insulated from the sheath (type b) and length L = 200 mm.