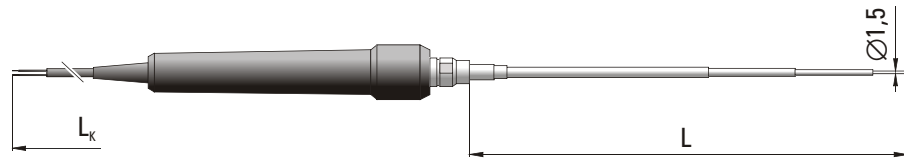
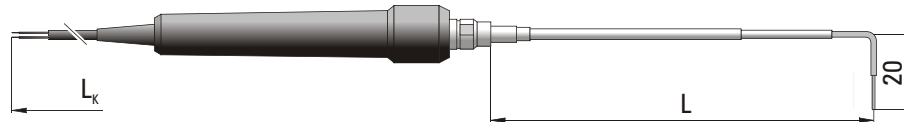


TEMPERATURE SENSOR

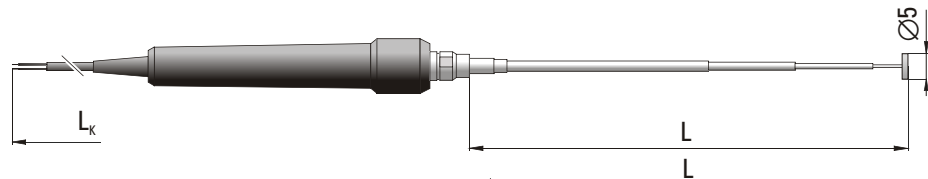
type 101



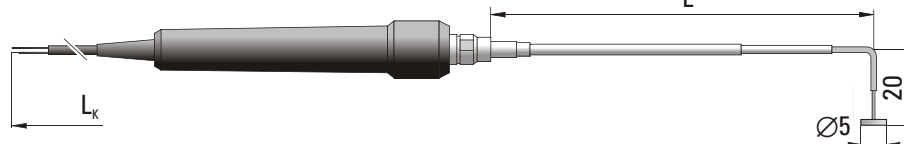
type 102



type 103



type 104



SPECIFICATION

| | |
|-----------------------------------|---|
| Application | temperature measurement of liquid, gases and surfaces |
| Temperature range | -40°C... +1100°C |
| Sheathed thermocouple | NiCr-NiAl (K) ⁽¹⁾ |
| Class of thermocouple | 1 |
| Thermocouple outer diameter | Ø1,5 mm ⁽²⁾ |
| Measuring junction | grounded (type a), insulated (type b) |
| Sensor length L | 120, 180, 300, 630, 800, 1000, 1500, 2000 mm ⁽²⁾ |
| Compensation cable L _k | spiral 1,5 m ⁽²⁾ |
| Sheath material | Inconel |
| Handle operating temperature | -20°C... +80°C |
| Additional accessories | plug type MT-K (for use with hand held thermometers) ⁽²⁾ |

⁽¹⁾ Other thermocouples on demand

⁽²⁾ Other parameters according to customer requirements

ORDERING CODE



Sensor type **101, 102, 103, 104**

Measuring junction **a or b**

Sensor length L = **120, 180, 300, 630, 800, 1000, 1500, 2000 mm⁽²⁾**

Additional accessories: plug type **MT-K**

Example for order:

TP-101-b-630 sensor based on sheathed thermocouple NiCr-NiAl (K), measuring junction galvanically insulated from the sheath (type b), length L = 630 mm and length of compensation cable L_k = 1,5m.