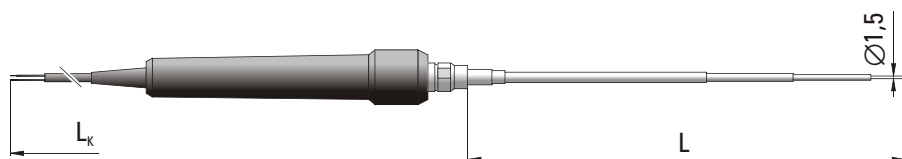
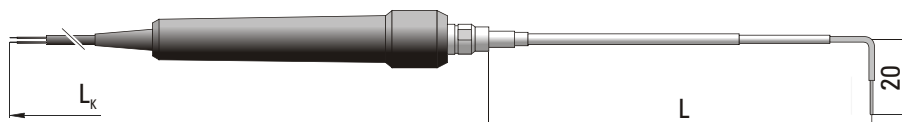


TEMPERATURE SENSOR

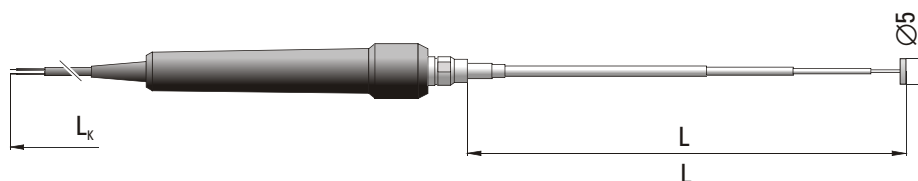
type 101



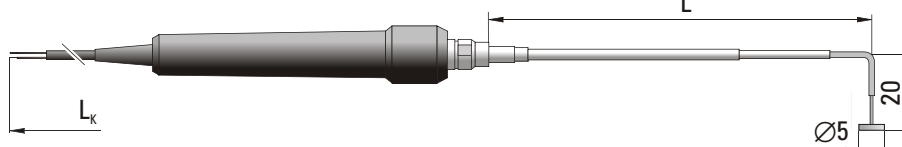
type 102



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.