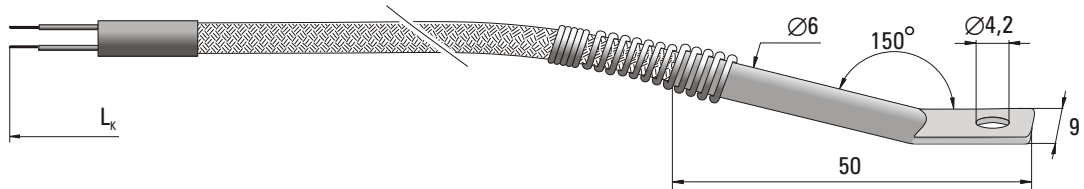
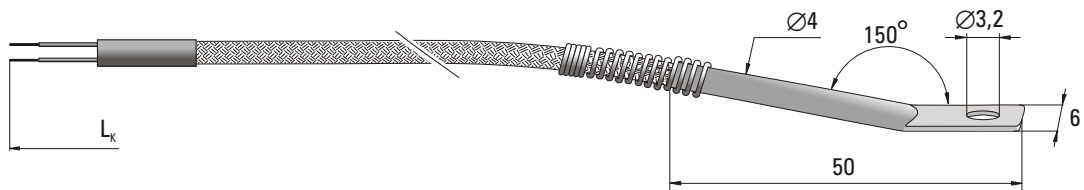


TEMPERATURE SENSOR

type 381



type 382



SPECIFICATION

Application	surface temperature measurement of blocks, parts of machinery or other constructional elements
Temperature range	-40°C... +400°C
Measuring element	platinum resistor (Pt100) ⁽¹⁾ thermocouple Cu-CuNi (T) thermocouple Fe-CuNi (J) thermocouple NiCr-NiAl (K)
Class of processing element	2 (B)
Measuring junction	insulated ⁽²⁾
Sheath material	steel 1.4541
Cable insulation	fiber glass and steel braid ⁽³⁾

⁽¹⁾ Pt500, Pt1000, Ni100, Ni1000 on demand

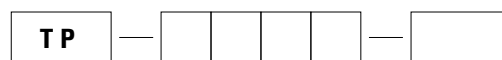
⁽²⁾ Double measuring elements on demand

⁽³⁾ Other cable insulation: PVC, silicon, PTFE, stainless steel armored sheath on demand

⁽⁴⁾ Angle 90° instead of 150°

⁽⁵⁾ Other parameters according to customer requirements

ORDERING CODE



Sensor type **381, 382**

Measuring element **Pt100, T, J or K**

Cable length $L_k = 0,5, 1$ or $1,5$ m⁽⁵⁾

Example for order: TP-381J-0,5 thermocouple sensor Fe-CuNi (J) of opening diameter $\varnothing = 4,2$ mm and cable length $L_k = 0,5$ m.