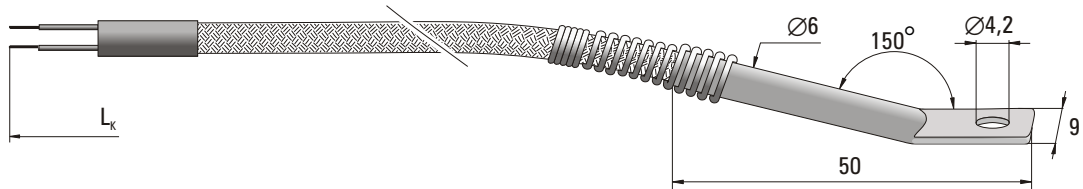
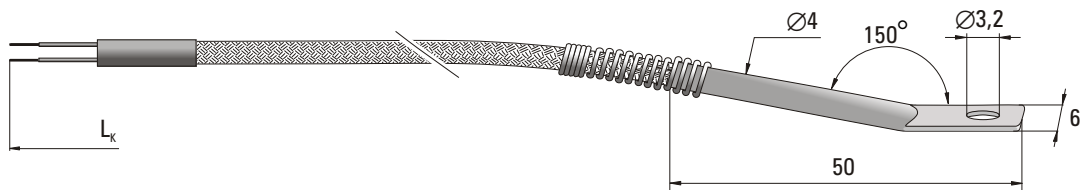


## TEMPERATURE SENSOR

### 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 <b>(Pt100)</b> <sup>(1)</sup> thermocouple Cu-CuNi <b>(T)</b> thermocouple Fe-CuNi <b>(J)</b> thermocouple NiCr-NiAl <b>(K)</b>
Class of processing element	2 (B)
Measuring junction	insulated <sup>(2)</sup>
Sheath material	steel 1.4541
Cable insulation	fiber glass and steel braid <sup>(3)</sup>

<sup>(1)</sup> Pt500, Pt1000, Ni100, Ni1000 on demand

<sup>(2)</sup> Double measuring elements on demand

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

<sup>(4)</sup> Angle 90° instead of 150°

<sup>(5)</sup> 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<sup>(5)</sup>

**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.