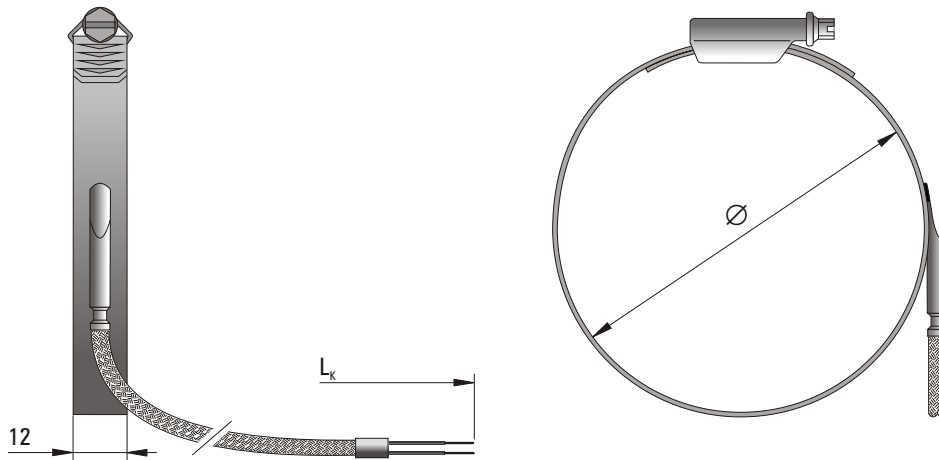


# TEMPERATURE SENSOR

## type 397



### SPECIFICATION

Application	temperature measurement of pipelines and other cylindrical elements
Temperature range	-40°C... +250°C
Measuring element	Cu-CuNi (T) Fe-CuNi (J) NiCr-NiAl (K)
Class of thermocouple	2
Measuring junction	grounded <sup>(1)</sup>
Hose-clip material	steel 1.4016
Hose-clip opening diameter Ø	32 – 50 mm 50 – 70 mm 70 – 90 mm 90 – 110 mm 110 – 130 mm
Length of compensation cable L <sub>k</sub>	0,5 ... 2,5 m <sup>(1)</sup>
Cable insulation	fiber glass and steel braid <sup>(2)</sup>

<sup>(1)</sup> Other parameters according to customer requirements

<sup>(2)</sup> Other insulation of the cable: PVC, silicon, PTFE, stainless steel armored sheath on demand

### ORDERING CODE



Measuring element T, J or K

Hose-clip opening diameter Ø = 32-50, 50-70, 70-90, 90-110, 110-130 mm <sup>(1)</sup>

Length of compensation cable L<sub>k</sub> = 0,5 ... 2,5 m <sup>(1)</sup>

**Example for order:** TP-397K-50-70-1,5 thermocouple sensor NiCr-NiAl (K) with hose-clip of opening diameter Ø = 50-70 mm, length of compensation cable L<sub>k</sub> = 1,5 m.