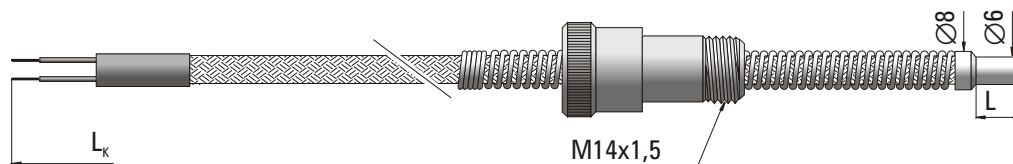
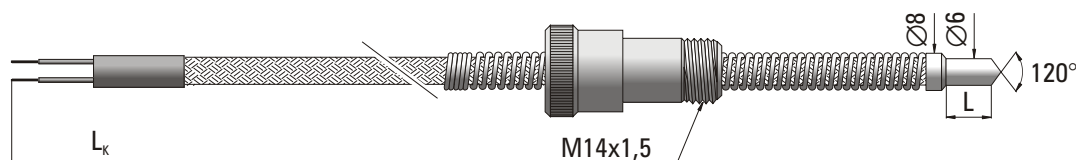


## TEMPERATURE SENSOR

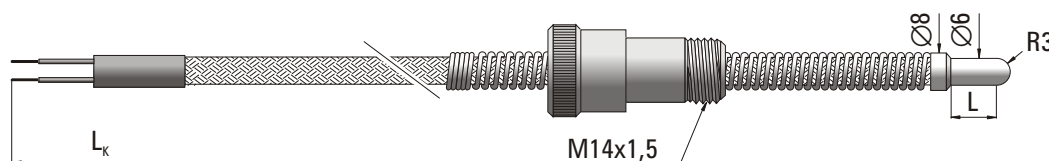
**type 301**



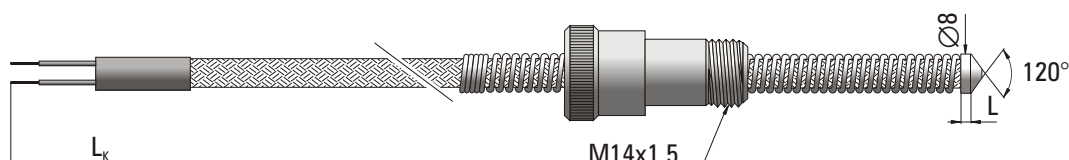
**type 302**



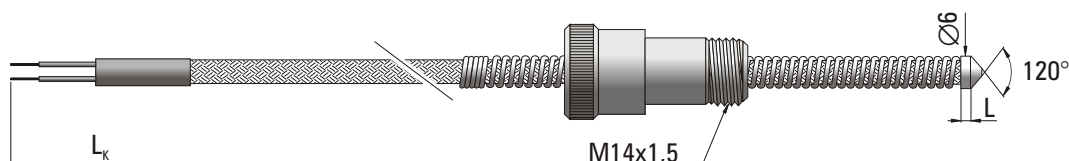
**type 303**



**type 304**



**type 305**



### SPECIFICATION

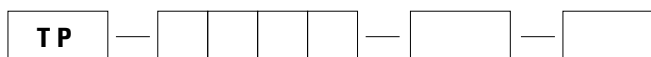
Application	temperature measurement of feed cylinders extruding presses and injection molds
Temperature range	0°C... +400°C
Measuring element	platinum resistor <b>(Pt100)<sup>(1)</sup></b> thermocouple Fe-CuNi <b>(J)</b> thermocouple NiCr-NiAl <b>(K)</b>
Class of processing element	2 (B) <sup>(2)</sup>
Measuring junction	insulated <sup>(2)</sup>
Cable insulation	fiber glass and steel braid <sup>(3)</sup>

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

<sup>(2)</sup> Other parameters according to customer requirements

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

### ORDERING CODE



Sensor type **301, 302, 303, 304, 305**

Measuring element **Pt100, J or K<sup>(1)</sup>**

Sensor length L = **1, 5, 10, 15, 20, 25, 30, 35, 40, 45 or 50 mm<sup>(2)</sup>**

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

**Example for order:** TP-301J-10-1,5 thermocouple sensor Fe-CuNi (J), length L=10 mm with cable of length L<sub>k</sub> = 1,5 m and fitting with thread M14x1,5.