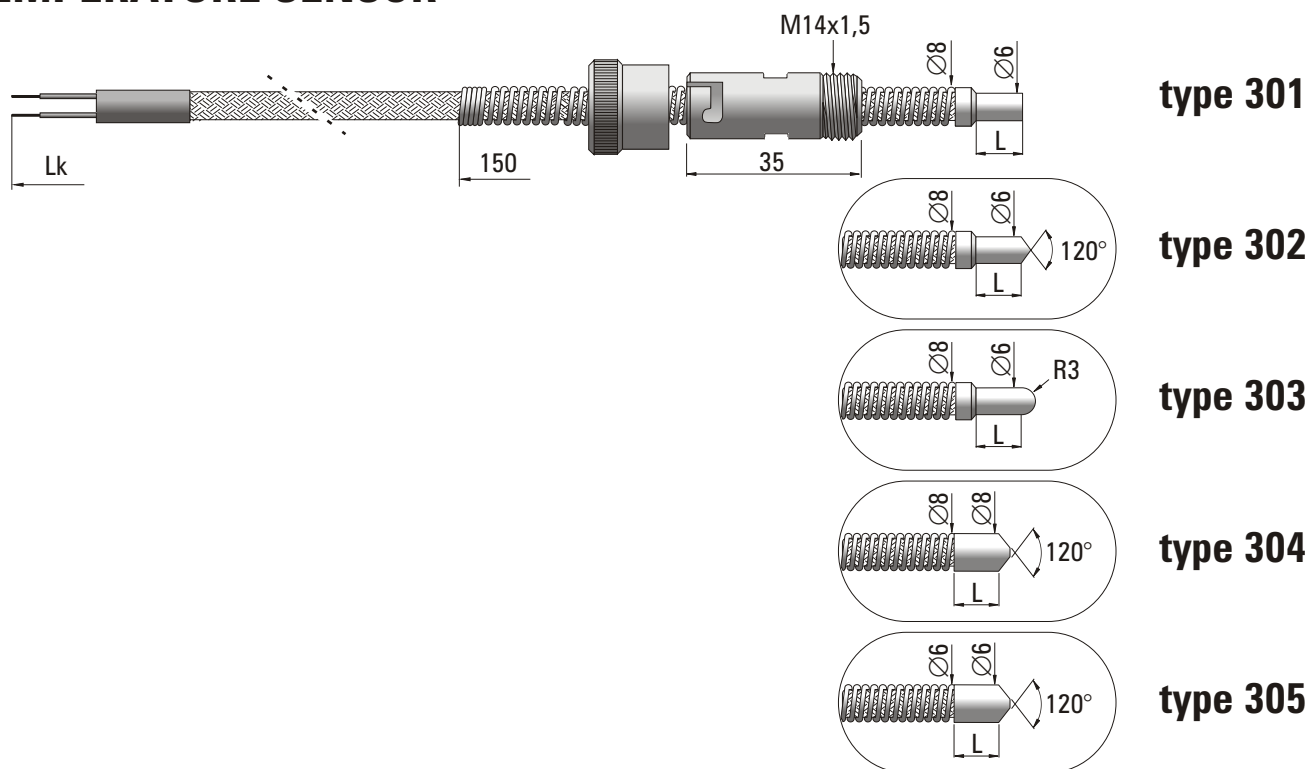


TEMPERATURE SENSOR



SPECIFICATION

Application	temperature measurement of feed cylinders extruding presses and injection molds
Temperature range	-40°C... +400°C
Measuring element	platinum resistor (Pt100)⁽¹⁾ thermocouple Fe-CuNi (J) thermocouple NiCr-NiAl (K)
Class of processing element	thermocouple cl.2, Pt100 cl.B
Measuring junction (thermocouple)	insulated (b) [or grounded (a)]
Compression spring	150mm (other on demand)
Process connection	bayonet coupling, thread M14x1,5 (other on demand)
Cable insulation	fiber glass and steel braid (other on demand)

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

⁽²⁾ Pt100 3-wire or Pt100 4-wire on demand

⁽³⁾ Other cable insulation: PVC (Tmax+80°C), silicon (Tmax+180°C), PTFE (Tmax+250°C), stainless steel armored sheath on demand

ORDERING CODE



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

Measuring element **Pt100, J or K⁽¹⁾**

Sensor length L = **1, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50** mm (other demand)

Length of cable Lk = **1,5, 2,5** m. (other demand)

Additional requirements: different cable insulation, different thread, different diameter, different tip shape, double version

Example for order: TP-301J-10-2,0 thermocouple sensor Fe-CuNi (J), length L=10 mm with cable of length Lk = 2,0m and bayonet coupling with thread M14x1,5, measuring junction insulated.

On request, free Quality Certificate specifying the sensor class or payable Calibration Certificate for any temperature with marked deviations