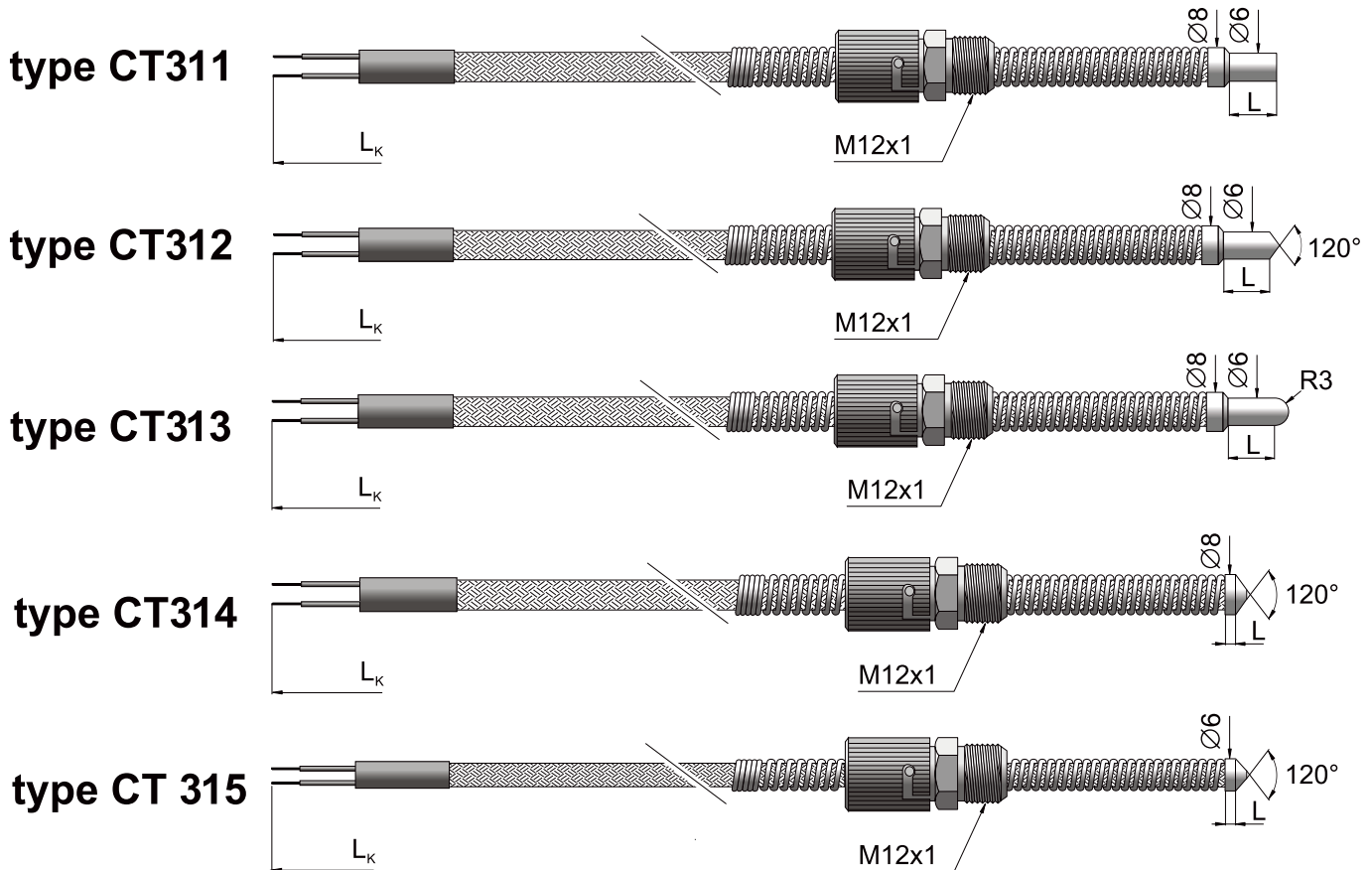


## TEMPERATURE SENSOR



### SPECIFICATION

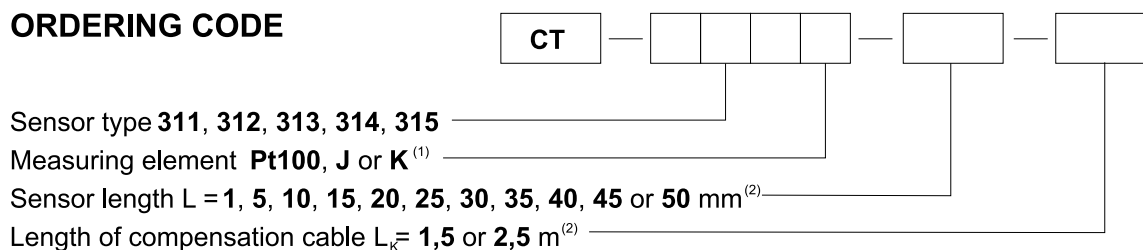
Application	temperature measurement of feed cylinders extruding presses and injection molds
Temperature range	0°C...+400°C
Measuring element	platinum resistor (Pt100) <sup>(1)</sup> thermocouple Fe-CuNi (J) thermocouple NiCr-NiAl (K)
Class of processing element	2 (B) <sup>(2)</sup>
Measuring junction	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 311, 312, 313, 314, 315

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** CT-311J-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 M12x1.