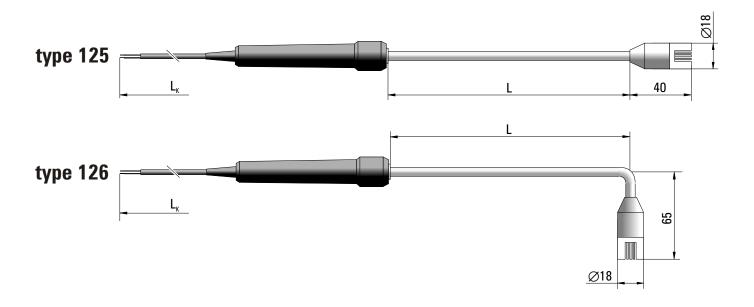
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TEMPERATURE SENSOR



SPECIFICATION

Application temperature measurement of surfaces.

Flexible and springy sensor measuring ribbon with very good thermal conductivity.

Temperature range $-50^{\circ}\text{C...}+700^{\circ}\text{C}$

Measuring element ribbon thermocouple NiCr-NiAl (K)

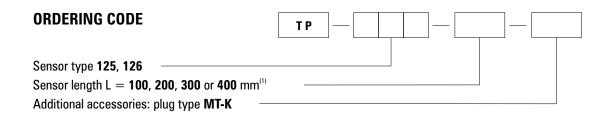
Class of processing element

Sensor length L 100, 200, 300, 400 mm⁽¹⁾

Response time $T_{0,9} < 5$ sec. Length of compensation cable L_{κ} spiral 1,5 m⁽¹⁾ Handle and cable operating temperature $-20^{\circ}\text{C...} + 80^{\circ}\text{C}$

Additional accessories plug type MT-K (for use with hand held thermometers)(1)

⁽¹⁾ Other parameters according to customer requirements



Example for order: TP-125-300 sensor based on ribbon thermocouple NiCr-NiAl (K) length L = 300 mm, length of

compensation cable $L_k = 1,5m$.

TP-125-400-MT-K sensor based on ribbon thermocouple NiCr-NiAl (K) length L=400 mm,

compensation cable $L_k = 1,5m$ with plug type MT-K.