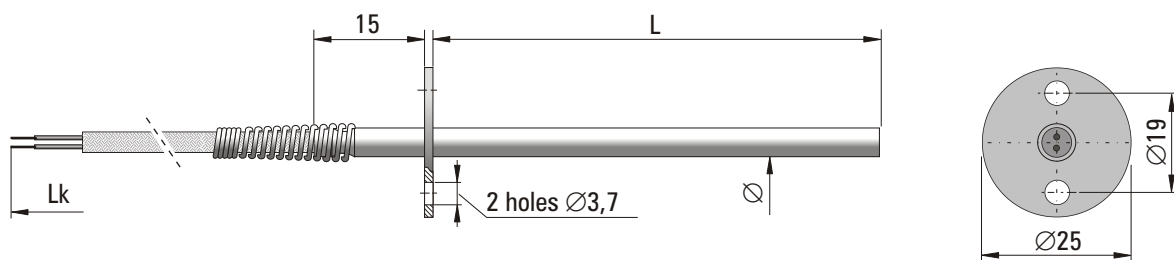


TEMPERATURE SENSOR

type 364



SPECIFICATION

Application	temperature measurement of air in ventilation ducts and systems
Temperature range	-40°C... +250°C
Measuring element	platinum resistor (Pt100), (Pt500) or (Pt1000) ⁽¹⁾ thermocouple Cu-CuNi (T) thermocouple Fe-CuNi (J) thermocouple NiCr-Ni (K)
Class of processing element	thermocouple cl.2, Pt100 cl.B
Measuring junction (thermocouple)	insulated (b) [or grounded (a)]
Sheath material	steel AISI304
Sheath outer diameter Ø	3, 4, 5, 6mm (other on demand)
Cable insulated	teflon (other on demand) ⁽³⁾

⁽¹⁾ 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), fiber glass (Tmax+400°C), stainless steel armored sheath on demand

ORDERING CODE



Measuring element **Pt100, Pt500, Pt1000, T, J, K** ⁽¹⁾

Sheath outer diameter Ø = **3, 4, 5, 6** mm

Sensor length L = **50 ... 1000** mm (other on demand)

Cable length Lk = **0,5 ... 2,5** m (other on demand)

Additional requirements: different cable insulation, different sheath diameter, different class, Pt100 3- 4-wire, double version

Example for order: TP-364Pt100-5-50-4,5

Pt100 resistance sensor of outer diameter Ø = 5mm, length L= 50mm, with a cable with length of Lk = 4,5m.

TP-364Pt100-5-50-4,5 (3-wire, cable insulated silicone)

Pt100 resistance sensor of outer diameter Ø = 5mm, length L= 50mm, with a cable with length of Lk = 4,5m, 3-wire cable, insulated silicone.