



Surface temperature probe PVC -30°C to +105°C

Application

Serves to record temperatures in fluid and gaseous media.

Technical specifications

Type OBTF PVC with bore (4.1mm)

Sensor element:

Pt100 (TK3850), Pt500 (TK3850), Pt1000 (TK3850)
Ni1000 (TK5000), Ni1000 (TK6180)

Sensor accuracy:

Pt: DIN Class AA, DIN EN 60751
DIN Class A, DIN EN 60751
DIN Class B, DIN EN 60751
DIN Class C, DIN EN 60751
Ni: Class B, DIN EN 43760 (formerly)
Class A, DIN EN 43760 (formerly)

Probe area of application:

-30°C to +105°C

Connections:

2-wire, 3-wire, 4-wire

Measuring current:

100Ω → 1mA; 500Ω → 0.5mA; 1000Ω → 0.3mA

Connection cable:

PVC, cross section 0.22mm²

Cable diameter:

5mm

Housing:

6x6x30mm

Protection class:

Only for dry applications

Cable length:

Depending on customer specifications

Areas of application:

Building technology, ventilation technology, heating technology, process technology

Options:

Measuring transducer of 4–20 mA or 0–10 V, variable cable lengths, connectors, other probe dimensions

