



## Surface temperature probe Silicone -50°C to +200°C

### Application

Serves to record temperatures in fluid and gaseous media.

### Technical specifications

Sensor element:	<b>Type OBTF Silicon with bore (4.1mm)</b> 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:	-50°C to +200°C
Connections:	2-wire, 3-wire, 4-wire
Measuring current:	100Ω → 1mA; 500 Ω → 0.5mA; 1000Ω → 0.3mA
Connection cable:	Silicone, cross section 0.22mm <sup>2</sup>
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

