



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

Application

Serves to record temperatures in fluid and gaseous media.

Technical specifications

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|----------------------------|---|
| Sensor element: | Type OBTF Silicone without bore 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; 500 Ω → 0.5mA; 1000Ω → 0.3mA |
| Connection cable: | Silicone, cross section 0.22mm ² |
| 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

