



## Cable temperature probe PTFE -50°C to +260°C

### Application

Cable temperature probes serve to record the temperatures of fluid and gaseous media.

### Technical specifications

#### Type KF PTFE

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
Probe area of application:	-50°C to +260°C
Connections:	2-wire, 3-wire, 4-wire
Measuring current:	100Ω → 1mA; 500 Ω → 0.5mA; 1000Ω → 0.3mA
Connection cable:	PTFE, cross section n x 0.22mm <sup>2</sup>
Cable diameter:	ca. 3mm
Cable length:	Depending on customer specifications
Housing:	Stainless steel sleeve, diameter 4mm or 6mm
Housing length:	50mm or depending on customer specifications
Protection class:	IP65

Areas of application: Laboratory, process monitoring in aggressive environments

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

