

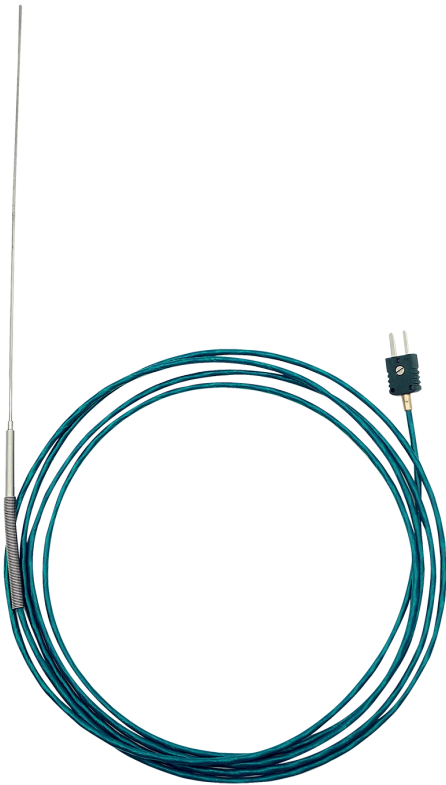
DATA SHEET

SFKI

## K Thermocouple temperature probe with deformable sleeved contact tip with cable

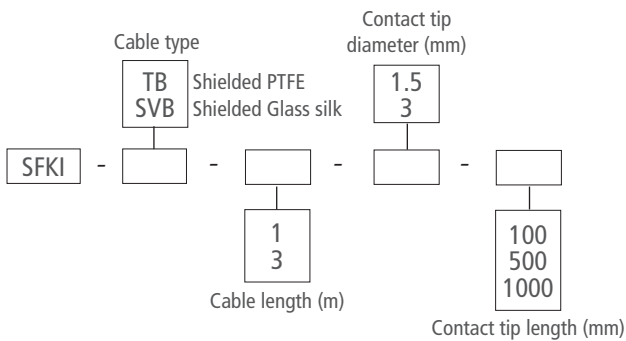


Laboratory or on-site calibration options available



### Part number

To order, just add the codes to complete the part number.



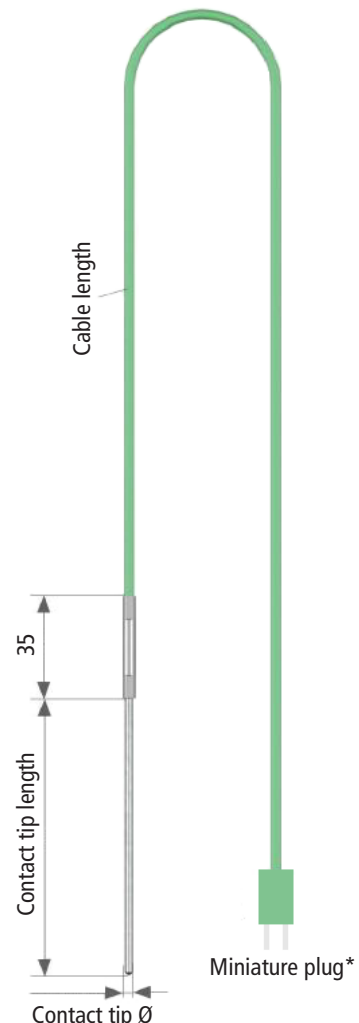
Example: SFKI-TB-1-3-100  
 Model: K Thermocouple temperature probe, shielded PTFE 1 m length cable. Ø3 mm Inconel® contact tip, 100 mm length.  
 Measuring range from -200 to +1150°C.

### Technical specifications

Measuring range	From -200 to +1150°C
Type of sensor	K Thermocouple class 1
Accuracy	See "Tolerances" table on page 2
Type of welding	Ungrounded hot junction
Pot seal mounting	Ø5 mm, 35 mm length, non-detachable, with shielded PTFE or shielded Glass silk. Shielded PTFE cable maximum temperature: 260°C Shielded Glass silk cable maximum temperature: 400°C
Response time* T <sub>63</sub>	Depends on the probe diameter. Example for a Ø2 mm probe: 8 seconds
Contact tip	Inconel® 600
Storage temperature	From -20°C to +80°C
Operating temperature (according to cable)	Shielded PTFE: from -50 to +260°C Shielded Glass silk: from -50 to +400°C

\*Response time carried out in a heated bath.

### Probes dimensions (mm)



\*Connector as option

## Thermocouple probes tolerances as per IEC 60584-1 standard

Thermocouple	Measuring range class 1	Tolerance
K	From -40 to +1000°C	From -40 to +375°C: $\pm 1.5^{\circ}\text{C}$ From +375 to +1000°C: $\pm 0.004 \times T^{\circ}\text{abs}$

## Accessories (see specific data sheet)

- 2-pin connectors (round or flat)
- Cable clamp for plug or socket connector