

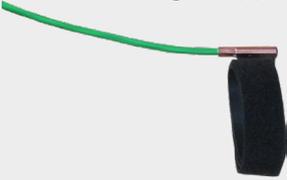
DATA SHEET

Thermocouple probes

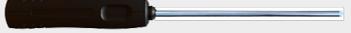


With sensitive element as per IEC 584-1, 2 and 3 standard

Pipes

| References | Measuring range and probe with device accuracy* | Response time T ₉₉ ** | Description |
|--|---|----------------------------------|---|
| SKV 150 (cable length: 1.5 m) (17156) SKV 300 (cable length: 3 m) (17157) SKV 500 (cable length: 5 m) (17159)  | From -20 to +90°C ±1.5°C | 50 s | Contact probe with Velcro®. Velcro® fixation for Ø100 mm maxi pipes with cable (Tc K). |
| SKCT (22226)  | From -40 to +150°C ±2.5°C | 15 s | Contact probe with lamella for pipe Ø10 to 50 mm with spring handle and straight cable. (Tc K). |

Contact

| References | Measuring range and probe with device accuracy* | Response time T ₉₉ ** | Description |
|--|--|----------------------------------|--|
| SCPK 150 (25729)  | From -20 to +150°C ±1.5°C* ±4% of reading ±1.5°C** | 20 s | Contact probe with circular end, with handle, straight cable. (Tc K). Contact tip length: 150 mm Contact tip diameter: 13 mm |
| SCCK 150 (24855)  | From -20 to +150°C ±1.5°C* ±4% of reading ±1.5°C** | 30 s | Contact probe with copper circular end for reduced space, with handle, coiled cable. (Tc K). Contact tip length: 150 mm Contact tip diameter: 6 mm |
| SCRK150 (25111)  | From -20 to +150°C ±1.5°C* ±4% of reading ±1.5°C** | 5 s | Spring contact probe for reduced space with handle, coiled cable. (Tc K). Contact tip length: 150 mm Contact tip diameter: 7 mm |
| SCLK 150 (24648)  | From -20 to +150°C ±1.5°C* ±4% of reading ±1.5°C** | 5 s | Contact probe with lamella with handle and coiled cable. (Tc K). Contact tip length: 150 mm Contact tip diameter: 15 mm |

*Under laboratory condition / **Under application condition

Contact

| References | Measuring range and probe with device accuracy* | Response time T ₉₉ ** | Description |
|--|---|----------------------------------|---|
|  <p>SCLCK 150 (24649)</p> | <p>From -40 to +250°C</p> <p>±2.5°C</p> | 5 s | Contact probe with lamella, angled at 90° with handle and coiled cable. (Tc K). Contact tip length: 150 mm Contact tip diameter: 15 mm |
|  <p>SCLK-HT (24681)</p> | <p>From -50 to +800°C</p> <p>±2.5°C</p> | 5 s | High temperature contact probe with lamella, with handle and coiled cable. (Tc K). Contact tip length: 200 mm Contact tip diameter: 27 mm |
|  <p>SCLAIK (24716)</p> | <p>From -40 to +250°C</p> <p>±1.5°C</p> | 5 s | Contact probe with magnetic lamella with straight cable. (Tc K). |
|  <p>SFCSMK (21254)</p> | <p>From 0 to +400°C</p> <p>±1.5°C*</p> <p>±4% of reading ±1.5°C**</p> | 4 s | Probe for surface measurement of moving part. Aluminium contact element on casters with handle and coiled cable. (Tc K). |

Ambiance

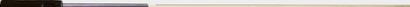
| References | Measuring range and probe with device accuracy* | Response time T ₉₉ ** | Description |
|--|---|----------------------------------|--|
|  <p>SKA-110 (17155)</p> | <p>From -40 to +80°C</p> <p>±1.5°C</p> | 50 s | Ambient probe, direct output on compensated male miniature connector. Without handle or cable. (Tc K). Contact tip length: 110 mm Contact tip diameter: 4.5 mm |
|  <p>SAK-150 (24646)</p> | <p>From -40 to +250°C</p> <p>±1.5°C</p> | 50 s | Ambient probe with handle and coiled cable. (Tc K). Contact tip length: 150 mm Contact tip diameter: 4.5 mm |
| <p>SAK-05 (cable length: 0.5 m) (24816) SAK-1 (cable length: 1 m) (24817) SAK-2 (cable length: 2 m) (24818) SAK-5 (cable length: 5 m) (24819) SAK-10 (cable length: 10 m) (2482)</p>  | <p>From -40 to +250°C</p> <p>±1.5°C</p> | 3 s | Ambient wired probe. Apparent welding, isolated PFA cable, output on compensated male miniature connector. (Tc K). |

Penetration

| References | Measuring range and probe with device accuracy* | Response time T ₉₉ ** | Description |
|--|---|----------------------------------|---|
|  <p>SPK 150 (24650)</p> | <p>From -40 to +250°C</p> <p>±1.5°C</p> | 30 s | Penetration probe. Stainless steel contact tip with pointed contact tip, handle and coiled cable. (Tc K). Contact tip length: 150 mm Contact tip diameter: 3 mm |
|  <p>SPK 300 (24823)</p> | <p>From -40 to +250°C</p> <p>±1.5°C</p> | 35 s | Penetration probe. Stainless steel contact tip with pointed contact tip, handle and coiled cable. (Tc K). Contact tip length: 300 mm Contact tip diameter: 4.5 mm |

*Under laboratory condition / **Under application condition

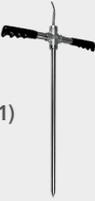
Immersion

| References | Measuring range and probe with device accuracy* | Response time T ₉₉ ** | Description |
|--|--|----------------------------------|--|
| SIK 150 (24641) SIK 250 (24642)  | From -40 to +250°C ±1.5°C | 35 s | Immersion probe. Stainless steel contact tip, with handle and coiled cable. (Tc K). Contact tip length: 150 mm / 250 mm Contact tip diameter: 4.5 mm |
| SIK 500 HT (24644) SIK 1000 HT (24645)  | From -40 to +1000°C From -40 to +375°C: ±1.5°C Remaining range: ±0.4% of reading | 115 s | High temperature immersion probe. Inconel contact tip, with handle and coiled cable. (Tc K). Contact tip length: 500 mm / 1000 mm Contact tip diameter: 6 mm |
| SIS 1000 HT (24830)  | From 0 to +1400°C From 0 to 1100°C: ±1°C From 1100 to 1400°C: ±0.15% of reading | - | Very high temperature immersion probe. Ceramic contact tip with handle and straight cable. (Tc S). Contact tip length: 1000 mm Contact tip diameter: 8 mm |
| SIT 300 BT (24831)  | From -200 to +50°C From -200 to -67°C: ±1.5% of reading From -67 to -40°C: ±1°C From -40 to +50°C: ±0.5°C | 2 s | Very low temperature immersion probe. Deformable lined contact tip with handle and coiled cable. (Tc T). Contact tip length: 300 mm Contact tip diameter: 1.5 mm |

Extension

| References | Measuring range and probe with device accuracy* | Response time T ₉₉ ** | Description |
|--|---|----------------------------------|--|
| RTCK-150 (1.5 m) (24834) RTCK-300 (3 m) (24835) RTCK-500 (5 m) (24836) | From 0 to +100°C | - | Shielded PVC extension for temperature probes with compensated male/female miniature connector (Tc K). |

Special compost

| References | Measuring range and probe with device accuracy* | Response time T ₉₉ ** | Description |
|---|---|----------------------------------|--|
| SKP 1000 (1 m) (17160) SKP 1500 (1.5 m) (17161) SKP 2000 (2 m) (17163)  | From -50 to +400°C ±1.5°C | 165 s | Special compost probe, stainless steel protection sheath with pointed end. T-shaped handle and output on coiled cable. (Tc K). Contact tip diameter: 16 mm |
| SKP 1000 B (1 m) (25820) SKP 1500 B (1.5 m) (25821) SKP 2000 B (2 m) (25822)  | From -20 to +150°C ±1.5°C | 165 s | K thermocouple probe with housing, grounded hot junction, stainless steel protective sheath. T-shaped handle. IP67 housing with transparent cover, EPDM seal and machined foam for data loggers KTT 220, 320 or Wireless and LoRa® data loggers (supplied without data loggers). Housing horizontally mounted on the probe. Output on cable length 20 cm with miniature male compensated connector inside the housing. |
| KSP (14809)  | - | - | Galvanized plate for compost probe. Possible fixing with anti-thief device KAV of data loggers or magnetic fixing of protective housing. Factory mounting. |
| KIT-KSP (24829)  | - | - | Kit with a galvanized plate (KSP) for compost probe. Possible fixing with anti-thief device KAV of data loggers or magnetic fixing of protective housing and mountings accessories. To install after delivery. |

*Under laboratory condition / **Under application condition

