

26878 MKT 50 MILLIKELVIN THERMOMETER



Sensors

Pt 100 sensor for temperature calibration of e.g. DMA, SVM, MCP, LOVIS

74557 PT 100 TEMPERATURE SENSOR FOR TEMPERATURE CALIBRAT. DMA/SVM



Incl. sensor cable and FACTORY CERTIFICATE 0 °C to 100 °C,
uncertainty: 10 mK, diameter: 1.8 mm, total length 1500 mm
Possible calibrations: 219434, 219436, 187504, 47838

Pt 100 sensors MPMI, minerally insulated, stainless steel sheath, L=300 mm

69281 RESISTANCE THERMOMETER D=2 MM, L=300 MM, UNCALIBRATED

Temperature range: -100 °C to 220 °C, pre-aged
Lemo socket, 4 contacts, without sensor cable
Possible calibrations: 219434, 219436, 219437, 135254

69279 RESISTANCE THERMOMETER D=4 MM, L=300 MM, UNCALIBRATED

Temperature range: -100 °C to 220 °C, pre-aged
Lemo socket, 4 contacts, without sensor cable
Possible calibrations: 219434, 219436, 219437, 135254

Pt 100 sensors MPMI, minerally insulated, stainless steel sheath, L=500 mm

69280 RESISTANCE THERMOMETER D=2 MM, L=500 MM, UNCALIBRATED

Temperature range: -100 °C to 450 °C, pre-aged
Lemo socket, 4 contacts, without sensor cable
Possible calibrations: 219434, 219436, 219437, 135254, 135255, 135256

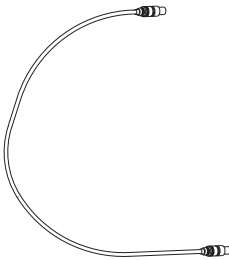
69278 RESISTANCE THERMOMETER D=4 MM, L=500 MM, UNCALIBRATED

Temperature range: -100 °C to 450 °C, pre-aged
Lemo socket, 4 contacts, without sensor cable
Possible calibrations: 219434, 219436, 219437, 135254, 135255, 135256

Sensor cables for MPMI sensors

Sensor cable for all types of MPMIs; PTFE-insulated leads; maximum temperature 250 °C; 2 plugs type Lemo size 1S

69276 SENSOR CABLE MPMI 4-WIRE 1.5 m PTFE



95464 SENSOR CABLE MPMI 4-WIRE 3 m PTFE



95468 SENSOR CABLE MPMI 4-WIRE 5 m PTFE



ISO 17025 Calibrations (R0, A, B, and C of EN 60751 are provided)

Tip: If MKT 50 and sensor shall be calibrated together as a measuring chain, indicate this on your product order: "MKT + Sensor as measuring chain."

Then you will receive only one certificate valid for exactly this MKT 50 and this sensor.

219434 ISO 17025 CALIBRATION 0 °C TO 100 °C FOR MKT 10, MKT 50; MU: 10 mK

Included services: as-found calibration, calculation of temperature coefficients, as-left calibration

219436 ISO 17025 CALIBRATION 0 °C TO 150 °C FOR MKT 10, MKT 50; MU: 10 mK

Included services: as-found calibration, calculation of temperature coefficients, as-left calibration

219437 ISO 17025 CALIBRATION 0 °C TO 200 °C FOR MKT 50; MU: 10 mK

Included services: as-found calibration, calculation of temperature coefficients, as-left calibration

135254 DAKKS CALIBRATION –50 °C to 200 °C

Measurement uncertainty: –50...0 °C: 25 mK, 0...200 °C: 10 mK

135255 DAKKS CALIBRATION 0 °C to 420 °C

Measurement uncertainty: 0...200 °C: 15 mK, 200...420 °C: 25 mK

135256 DAKKS CALIBRATION –50 °C to 420 °C

Measurement uncertainty: –50...0 °C: 25 mK, 0...200 °C: 15 mK, 200...420 °C: 25 mK

187504 DAKKS CALIBRATION –50 °C to 180 °C Pt 100

for DMA 4200 M, SVM, Lovis; tolerance: 10 mK

SPRT Quartz Glass Sensor for highest precision measurement

95469 ANTON PAAR Q100, SPRT 100 OHM UNCAL., QUARTZSHEATH, d=7.5, l=480, –200 °C to 550 °C

Includes traceable certificate at Rtpw and Wga, carrying case, and sensor cable

Possible UKAS calibrations: 95471, 95472, 95473

SPRT Metal Sensor for highest precision measurement

95470 ANTON PAAR T100, SPRT 100 OHM UNCAL., METAL SHEATH, d=6, l=480, –200 °C to 165 °C

Optimized for low temperatures, less stem conduction due to internal construction

Includes traceable certificate at Rtpw and Wga, carrying case, and sensor cable

Possible UKAS calibrations: 95471

UKAS calibrations for SPRT sensors

95471 UKAS CALIBRATION –38 °C – 156 °C

–38 °C: 2 mK, 0.01 °C: 1 mK, 156 °C: 3 mK

95472 UKAS CALIBRATION –38 °C – 420 °C

–38 °C: 2 mK, 0.01 °C: 2 mK, 232 °C: 3.5 mK, 420 °C: 3.5 mK

95473 UKAS CALIBRATION –38 °C – 550 °C

–38 °C: 5 mK, 0.01 °C: 5 mK, 232 °C: 5 mK, 420 °C: 5 mK, 550 °C: comparison calibration 40 mK

Factory recalibrations

91609 FACTORY ADJUSTMENT MKT, 400 µOhm**47838 FACTORY CALIBRATION FOR SENSOR 74557, CKT 100 OR MKT 10, 10 mK**

Options

84339 PRT SWITCH BOX FOR MKT 50 / TTI-22



The switch box provides 8 PRT input channels with 4 spade connectors (4 mm banana plugs) per channel.
Includes connection cable MKT 50 to switch box

82556 CARRYING CASE FOR MKT 50



11062 INTERFACE CABLE DSUB MALE 9 / FEMALE 9



18597 ETHERNET CABLE FOR PC CONNECTION



Used for direct data transfer between instrument and PC,
also for automatic temperature adjustment with MKT 50 (mat. no. 26878) or MKT 10 (mat. no. 172072)

CAT5e, RJ45G–RJ45G, SFTP, 2 m, crossed

15446 ADAPTER CABLE USB – RS232 180 CM



Used for connecting instruments with RS-232 interface to PCs with USB interface.