

Measurement probes and cables for class 220 Kistock dataloggers

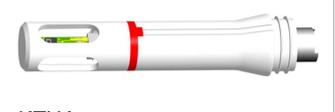
NTC TEMPERATURE PROBES

The temperature probes have a NTC sensing element. Each of these probes come with an 8-pin mini-DIN connector.

Reference	Description	Measuring ranges and accuracies*
 KSI-50 / KSI-150	IP65 immersion probe Stainless steel contact tip. Contact tip size: Ø6 x 50 mm (ref. KSI-50) or Ø6 x 150 mm (ref. KSI-150) Output on PVC cable of 2 m length	NTC sensing element: From -40 to +120°C ±0.4°C from -20 to +70°C ±0.8°C beyond
 KSA-150	Ambient use probe Stainless steel contact tip. Contact tip size: Ø6 x 150 mm with perforated contact tip Output on PVC cable of 2 m length	NTC sensing element: From -40 to +120°C ±0.4°C from -20 to +70°C ±0.8°C beyond
 KSF-2	Wire probe Ø3 mm with output on PVC cable of 2 m length	NTC sensing element: From -20 to +100°C ±0.4°C from -20 to +70°C ±0.8°C beyond
 KSP-150	IP68 penetration probe With stainless steel contact tip Contact tip size: Ø3 x 150 mm with stainless steel handle Ø10 mm Output on PVC cable of 1 m length	NTC sensing element: From -40 to +120°C ±0.4°C from -20 to +70°C ±0.8°C beyond
 KSP-150	IP65 penetration probe With stainless steel contact tip Contact tip size: Ø4.5 x 150 mm Output on PVC cable of 1 m length	NTC sensing element: From -40 to +120°C ±0.4°C from -20 to +70°C ±0.8°C beyond
 KCV-220	Probe with velcro Output on PVC cable of 2 m length Contact tip size: Ø4.5 x 150 mm Contact length: 350 mm	NTC sensing element: From -20 to +90°C ±0.4°C from -20 to +70°C ±0.8°C beyond

TEMPERATURE AND HUMIDITY PROBE

The temperature and hygrometry probes have an interchangeable NTC for temperature and capacitive for hygrometry sensing element. Each of these probes come with an 8-pin mini-DIN connector.

Reference	Description	Measuring ranges and accuracies*
 KTHA	Interchangeable hygrometry and ambient temperature probe Probe body in ABS, 65 mm length with stainless steel filter and mini-DIN connector	<u>Hygrometry** (capacitive):</u> From 0 to 100%RH Accuracy (Repeatability, linearity, hysteresis): ±2%RH (from 15°C to 25°C and from 5 to 95%RH)
 KTHD	Remote interchangeable hygrometry and temperature probe Probe body in ABS, 130 mm length with stainless steel filter, PVC cable of 2 m length with mini-DIN connector	<u>Temperature (NTC):</u> From -20 to +70°C ±0.4°C from 0 to 50°C ±0.8°C below 0°C or above 50°C

 Protection against powerful water jets in any direction

 Protection against long term immersion

* All accuracies indicated in this document were stated in laboratory conditions and can be guaranteed for measurements carried out in the same conditions, or carried out with compensation.

** Factory calibration uncertainty: ±0.88%RH. Temperature dependence: ±0.04 x (T-20) %RH (if T<15°C or T>25°C)

CURRENT AND VOLTAGE INPUT CABLES AND PULSE INPUT CABLE

The pulse, voltage and current cables have a PVC cable of 2 m and an 8-pin mini-DIN connector.

Reference	Description	Measuring ranges and accuracies*
 KCTD-10-B	Voltage input cable Measuring range: 0 – 5 V or 0 – 10 V	From 0 to 5/10 V ±0.2% of the measurement ±1mV
 KCCD-02-B	Current input cable Measuring range: 0 – 20 mA or 4 – 20 mA	From 0/4 to 20 mA ±0.2% of the measurement ±1µA
 KCTD-I-B	Pulse input cable	Maximal voltage: 5 V Type of input: TTL frequency counting Maximal frequency: 10 kHz Maximum number of recordable pulses: 20 000

RELATIVE PRESSURE PROBE (WATER PRESSURE)

The water pressure probe for class 220 dataloggers is equipped with a pressure sensor for liquid and gas, a PVC cable of 2 m and an 8-pin mini-DIN connector

Reference	Description	Measuring ranges and accuracies*
	Relative pressure probe , range from 0 to 10 bar (KSPE) for liquids and gases (corrosive). Stainless steel body probe, length 93 mm with 1/8" gas connector and 1/4" gas adaptor. Operating temperature: Ambient temperature: from -20 to 80°C Fluid temperature: from -40 to 120°C Tolerated overpressure: 20 bars	From 0 to 10 bar ±0.2 bar
KSPE / KSPE-2	Relative pressure probe , range from 0 to 20 bar (KSPE-2) for liquids and gases (corrosive). Stainless steel body probe, length 93 mm with 1/8" gas connector and 1/4" gas adaptor. Operating temperature: Ambient temperature: from -20 to 80°C Fluid temperature: from -40 to 120°C Tolerated overpressure: 40 bars	From 0 to 20 bar ±0.2 bar

AMMETER CLAMPS

Ammeter clamps have a PVC cable of 2 m and an 8-pin mini-DIN connector.

Reference	Description	Measuring ranges and accuracies*
  KPID-50-BRF KPID-100-BRF KPID-200-BRF	KPID-50-BRF ammeter clamp Range from 0 to 50 A	From 0 to 50 A _{AC} ±1% of reading ±0.1A Frequency range: from 40 Hz to 5000 Hz
	KPID-100-BRF ammeter clamp Range from 0 to 100 A	From 1 to 100 A _{AC} ±1% of reading ±0.1A Frequency range: from 40 Hz to 5000 Hz
	KPID-200-BRF ammeter clamp Range from 0 to 200 A	From 1 to 200 A _{AC} ±1% of reading ±0.2A Frequency range: from 40 Hz to 5000 Hz
  KPID-600-BRF	KPID-600-BRF ammeter clamp Range from 0 to 600 A	From 1 to 600 A _{AC} ±2.5% of reading ±0.6A Frequency range: from 40 Hz to 5000 Hz

* All accuracies indicated in this document were stated in laboratory conditions and can be guaranteed for measurements carried out in the same conditions, or carried out with compensation.

www.kimo.fr

Distributed by :



EXPORT DEPARTMENT
Tel : + 33. 1. 60. 06. 69. 25 - Fax : + 33. 1. 60. 06. 69. 29
e-mail : export@kimo.fr