

Mess-Sonden und Kabel für KISTOCK Datalogger der Klasse 350




FEUCHTIGKEITS- / TEMPERATUR-SONDEN

KTH350

Thermo-Hygrometersonden für Klasse 300 KISTOCK haben zwei Sensoren :

- Kapazitiv-Sensor für Feuchtigkeit
- Pt100 1/3 DIN* Temperatursensor

Jede dieser Kombisonden verfügt über einen 8-poligen mini-DIN Stecker.

<p>KTHP-150B KTHP-350B</p>		<p>Polycarbonat-Sonde (PC) with protective perforated tip and stainless steel filter 25µm. Probe length: 150 mm (Ref. KTHP 150) or 300 mm (Ref. KTHP 300) Output on silicone cable Ø 4.8 mm, length 2m (further lengths available on request) Messbereich : von -20 bis +120 °C und von 0 bis 100 %RH</p> <ul style="list-style-type: none"> • Accuracy* humidity** (repeatability, linearity, hysteresis) : ±1,5 %RH (from 15 to 25 °C) with : - Factory calibration uncertainty : ±0,88 %RH - Temperature dependence : ±0,04 x (T-20) %RH (if T<15 °C or T>25 °C) <ul style="list-style-type: none"> • Temperature accuracy* : ±0,3% of the reading value ±0,25°C <ul style="list-style-type: none"> • Response time (for V_{air} = 2 m/s) : - Humidity : t_{0,63} = 25 s (from 10 to 80 %RH) - Temperature : t_{0,63} = 9 s (with a probe without filter)
<p>KTHI-150B KTHI-300B</p>		<p>EDELSTAHL-Sonde with protective perforated tip and stainless steel filter 25µm. Probe length: 150 mm (ref. KTHI-150B) or 300 mm (ref. KTHI-300B). Output on silicone cable Ø 4.8 mm, length 2m (further lengths available on request) Messbereich : von -40 bis +180 °C und von 0 bis 100 %RH</p> <ul style="list-style-type: none"> • Accuracy* humidity** (repeatability, linearity, hysteresis) : ±1,5 %RH (de 15 à 25 °C) with : - Factory calibration uncertainty : ±0,88 %RH - Temperature dependence : ±0,04 x (T-20) %RH (if T<15 °C or T>25 °C) <ul style="list-style-type: none"> • Temperature accuracy* : ±0,3% of the reading value ±0,25°C <ul style="list-style-type: none"> • Response time (for V_{air} = 2 m/s) : - Humidity : t_{0,63} = 25 s (from 10 to 80 %RH) - Temperature : t_{0,63} = 9 s (with a probe without filter)
<p>KTHP-110-PB</p>		<p>ABS/PC Sonde mit ABS/PC Handgriff Output on PVC cable high temperature (HT), length 2m. Messbereich : von -20 bis +80 °C und von 0 bis 100 %RH</p> <ul style="list-style-type: none"> • Accuracy* humidity** (repeatability, linearity, hysteresis) : ±1,5 %RH (from 15 to 25 °C) with :: - Factory calibration uncertainty : ±0,88 %RH - Temperature dependence : ±0,04 x (T-20) %RH (if T<15 °C or T>25 °C) <ul style="list-style-type: none"> • Temperature accuracy* : ±0,3% of the reading value ±0,25°C <ul style="list-style-type: none"> • Response time (for V_{air} = 2 m/s) : - Humidity : t_{0,63} = 25 s (from 10 to 80 %RH) - Temperature : t_{0,63} = 9 s (with a probe without filter)

*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 required compensation.



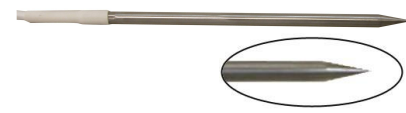

** Optional specific adjustment and calibration

***As per NFX 15-113 and the Charter 2000/2001 HYGROMETERS, GAL (Guaranteed Accuracy Limit) which has been calculated with a coverage factor value of 2 is ±2.88%RH between 18 and 28°C on the measuring range from 5 to 95%RH. Sensor drift is less than 1%RH/year.

Pt 100 Temperatursonden

Temperatursonden der Klasse 350 haben einen Klasse A Pt100 Sensor (nach IEC 751 standard).
Jedes der Sonden ist mit einem 8-poligen mini-DIN Stecker ausgestattet.

Reaktionszeit : $t_{0,63} = 32 \text{ s}$ ($V_{\text{air}} = 2 \text{ m/s}$). **Genauigkeit** : $\pm 0,4\%$ vom Messwert $\pm 0,3^\circ\text{C}$

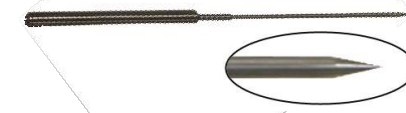

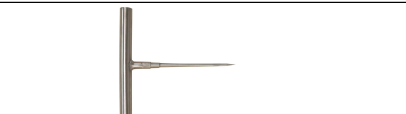

KRGA-50 KRGA-150		IP65 Allgemeine Sonde With output on Teflon cable, length 2 m. Stainless steel contact tip, length 50 mm (KRGA 50) or 150 mm (KRGA 150) and diameter 6 mm. Messbereich : von -50 bis +250 °C.
KRAM-150		IP65 Umgebungsfühler With output on Teflon cable, length 2 m. Stainless steel contact tip, length 150 mm and diameter 6 mm with perforated tip. Messbereich : von -40 bis +120 °C
KRPA-150		IP65 Einstechsonde With output on Teflon cable, length 2 m. Stainless steel contact tip, length 150 mm and diameter 6 mm with pointer tip. Messbereich : von -50 bis +250 °C
KRVB-200		Klettbandfühler Output on Teflon cable, length 2m. Messbereich : von 40 bis +90°C

IP65 Pt100 TEMPERATURSONDEN MIT EDELSTAHL HANDGRIFF



Temperatursonden der Klasse 350 haben einen Klasse A Pt100 Sensor (nach IEC 751 standard).
Jedes der Sonden ist mit einem 8-poligen mini-DIN Stecker ausgestattet.

Reaktionszeit : $t_{0,63} = 32 \text{ s}$ ($V_{\text{air}} = 2 \text{ m/s}$). **Genauigkeit** : $\pm 0,4\%$ v. Messwert $\pm 0,3^\circ\text{C}$

KPI3-150		Einstechsonde With stainless steel contact tip. Contact tip dimensions $\text{Ø } 3 \times 150 \text{ mm}$ with stainless steel handle, diameter 10 mm. Output on Teflon cable, length 1 m. Messbereich : von -50 bis +250 °C.
KPIC3-150		Gewinkelte Einstechsonde With stainless steel contact tip. Contact tip dimensions $\text{Ø } 3 \times 150 \text{ mm}$ with stainless steel handle, diameter 10 mm, angled at 90°. Output on Teflon cable, length 1 m. Messbereich : von -50 bis +250 °C.
KT13-100		Einstechsonde mit T-Handgriff With stainless steel contact tip. Contact tip dimensions $\text{Ø } 3 \times 100 \text{ mm}$ with stainless steel T handle. Output on Teflon cable, length 1 m. Messbereich : von -50 bis +250 °C.
KTBI3-100		Korkenziehersonde mit T-Handgriff With twisted stainless steel contact tip. Contact tip dimensions $\text{Ø } 8 \times 100 \text{ mm}$ with stainless steel T handle. Output on Teflon cable, length 1 m. Messbereich : von -50 bis +250 °C.



Schutzklasse IP65 : Strahlwasser geschützt



Schutzklasse IP68 : absolut wasserdicht

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 calibration compensation.

