

KISTOCK DATALOGGER
HVAC range : KT210 / KH210

Temperature / Humidity / Light
/ /



- :20000
- 4
- : 5가
- 2 setpoint alarms
- 1000
-
- IP 40

KT-210-AN	yes	no	4	/
KT-210-AO	yes	1 line	4	
KH-210-AN	yes	no	2	,
KH-210-AO	yes	2 lines	2	
KH-210-DO	yes	2 lines	2	/

	KT210	KH210
	°C, °F, mV, V, mA, A	°C, °F, %RH, Lux*, °Ctd, °Ftd
	0.1 °C, 0.1 °F, 0.001 V, 0.001 mA, 0.1 A	0.1 °C, 0.1 °F, 0.1%HR, 1 Lux*
	4 Jack connectors 2.5 Stereo	2 Jack connectors 2.5 stereo 1 Mini-DIN connector**
	:NTC : -40 ~ +70 -20 ~ +70 : ±0.4 -40 ~ -20 : ±0.8	: : 0 ~ 10000Lux : ±10%
Setpoint alarms	2 setpoint alarms 1 ~ 24	
	-40 ~ +70	-20 ~ +70
	-40 ~ +85	
1	5	

98.7 x 67.8 x 34.7 mm

113 g

2 LDC (45 × 28.5mm)

2 : "select", "OK"

ABS housing

IP 40

PC

1 digital input for male Jack connector 3.5

Digital electronics

Lacquer protected circuit board

Meets RoHS standards

3.6V 1/2AA

2 (,)

Environment

Air and neutral gases

*
**only for KH-210-DO KISTOCK

CMOS		
	5 ~ 95% RH	-20 ~ +70
	Accuracy** (Repeatability, linearity, hysteresis) : ±2%RH (from 15°C to 25°C) Factory calibration uncertainty : ±0,88 %RH Temperature dependence : ±0.04 x (T-20) %RH (if T<15°C or T>25°C)	-20 ~ 0 : 2% of displayed value ± 0.6 0 ~ 30 : ± 0.5 30 ~ 70 : 1.5% of displayed value
Response time (t_{0,63})	50 s (Vair = 2 m/s)	25 s (V = 2 m/s)

[†] KH210 - A () / KH210 - DO ()

*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.

**As per NFX 15-113 standard 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.

	NTC
	-40 ~ +120 ()
	Remote probe : ±0.3 °C (-25 °C<T<+70 °C) ±0.5 °C (beyond)

	NTC
	-40 ~ +120 ()
	Remote probe : ±0.3 °C (-25 °C<T<+70 °C) ±0.5 °C (beyond)

• CURRENT INPUT CABLE (OPTIONAL)

	0/4-20 mA
	±0.2 % of the measurement ±1 µA

• VOLTAGE CABLE (OPTIONAL)

	0-10 V
	±0.2 % of the measurement ±1 mV

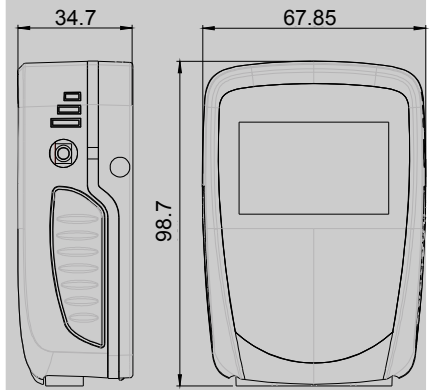
• AMMETER CLAMP (OPTIONAL)

	0-50 A / 0-100 A / 0-200 A / 0-600 A
	±1 to 2.5 % of the value displayed (according to measuring range)

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.

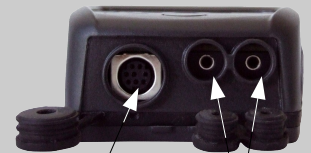
See technical datasheet "Measuring probe and cable for class 110/210 kistock dataloggers"

DIMENSIONS (mm)



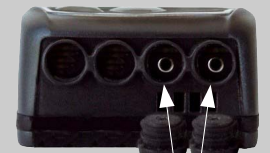
CONNECTIONS

External input (KH-210-DO)



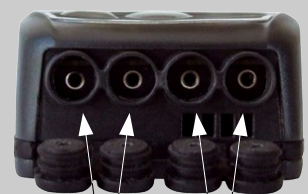
- Mini-Din connector
- Jack connectors (2.5) Probe input for :
 - NTC temperature
 - Current input cable
 - Voltage input cable
 - Ammeter clamp

External input (KH-210-A)



- Jack connectors (2.5) Probe input for :
 - NTC temperature
 - Current input cable
 - Voltage input cable
 - Ammeter clamp

External input (KT-210)



- Jack connectors (2.5) Probe input for :
 - NTC temperature
 - Current input cable
 - Voltage input cable
 - Ammeter clamp

RECORDER FUNCTIONS

5가

"Immediate" ()
 "Minimum", "Maximum" "Average"

"Monitoring"
 (.)
 - setpoint
 - setpoint

"loop " 가 .

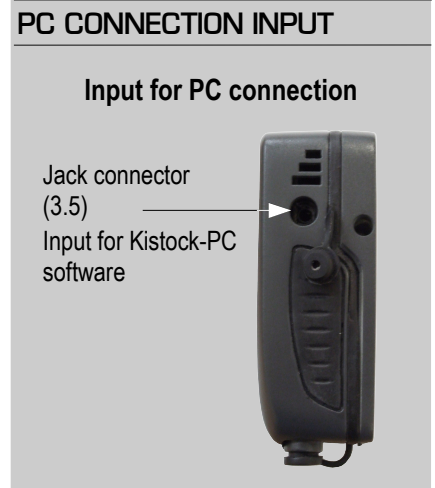
dataset :4가

push button
 Online : PC

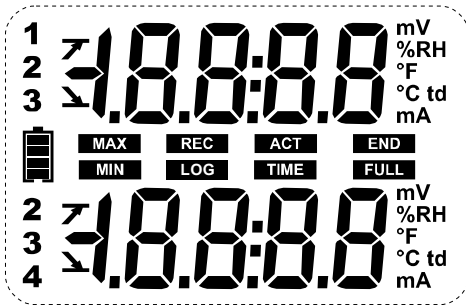
dataset : 6가

FULL

"OK": -



SCREEN



°C...
 °F...
 %RH..... (KH 210)
 td... (KH210)
 V or mV
 A or mA

END DATASET

REC

LOG : : data set

12
23
34

FULL : 80-90%
 : 90-100%
 : 가

ACT

TIME

MIN

MAX



: / action

: 5 (4 +)

bAt LED 가 ,

Err LED : -> "select " & "OK" RESET

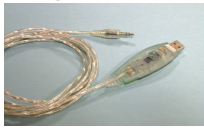
Err LED : -> "select " & "OK" RESET

SOFTWARE



- Configuration and data processing software &

Software.....Ref. KILOG-N
 USB interface.....Ref. I-KIC2
 Complete set : soft + 1 interface.....Ref. KIC2 KILOG



- KISTOCK-PC interface K
 PC - KISTOCK() USB
 Ref. I-KIC2

- KILOG CFR software



KILOG CFR 21CFR -Part 11
 가 가

Interface.....Ref. I-KIC2
 Complete set : KILOG 1CFR software + 1 interface...Ref. KIC2-CFR-N



Software is compatible with the former range of Kistock.

ACCESSORIES



- KNT
 KNT KISTOCK
 PC
 Ref. KNT 300



- KNT
 Ref. ITP



Ref. KAV-N

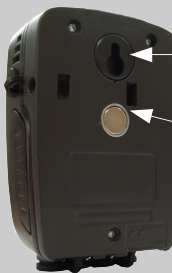


KISTOCK

- NTC
 PVC, 5m, (male & female)
 Ref. KRC 5
 - 25m 가
- Lace. Ref. KDC
- Lithium ½ AA battery. Ref. KBL

가

가



Wallmount and lace eyelet

Magnetic mounting

: 5 (*)

- 1.
- 2.
- 3.
- 4.

- "SELECT" & "OK" 2

* 15 (20)

CALIBRATION (Optional)

KISTOCK dataloggers can be supplied with calibration certificate as an option.