



KISTOCK KT 20

Temperature datalogger

- Fast data download (up to 1400 values/second)
- Up to 8192 measurement points
- 2 configurable setpoint alarms
- Small dimensions
- IP 56 housing



TECHNICAL FEATURES

Resolution	0.5°C
Storage capacity	2048 or 8192 points
Setpoint alarm	2 setpoint alarms
Frequency of measurement	From 1 min to 255 min (KT-20-G) From 1 s to 273 h (KT-20-L and KT-20-T)
Operating temperature	From -40 to +85°C (KT-20-G and KT-20-L) From 0 to +125°C (KT-20-T)
Storage temperature	From -40 to +85°C
Battery life	5 years*

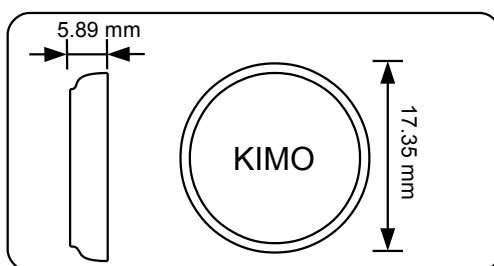
When used at a temperature higher than 50°C, the battery life of datalogger is reduced.
 (*) on the basis of 1 measurement each minute at 20°C (KT-20-G)
 on the basis of 1 measurement each 10 minutes at 20°C (KT-20-L/T)

Temperature transmitter

Measuring range	-40 to +85°C (KT-20-G and KT-20-L) 0 to +125°C (KT-20-T)
Accuracy	KT-20-G : ±1°C (-30°C ≤ T ≤ +70°C) ±1,3°C (T < -30°C and T > +70°C) KT-20-L : ±0,5°C (+10°C ≤ T ≤ +65°C) ±1,3°C (T < +10°C and T > +65°C) KT-20-T : ±0,5°C (+20°C ≤ T ≤ +75°C) ±1,3°C (T < +20°C and T > +75°C)

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.

DIMENSIONS



FEATURES OF HOUSING

Dimensions	Ø 17.35 x 5.89 mm
Weight	3.3 g
Material	STAINLESS STEEL
Protection	IP 56
PC communication	Specific USB interface
Environment	Air and neutral gases

REFERENCES

Part number	Storage capacity	Measuring range
KT-20-G	2048	From -40 to +85°C
KT-20-L	8192	From -40 to +85°C
KT-20-T	8192	From 0 to +125°C

RECORDER FUNCTIONS

KT-20 can record measurements in real time. To do so, you just have to select the launch type:

- "immediate"
- "delayed" (with predefined date and time)
- "according alarm" : record is made when a measurement exceeds the setpoint alarm (function available on KT-20-L and KT-20-T models)

The dataset will stop once the storage capacity is full.
 You can also choose the non-stop record ("loop" recording option).



• Configuration and data processing software

KILOG enables you to configure, save and process your data in a very simple way.



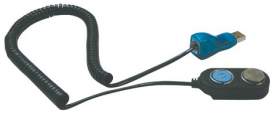
• KILOG CFR software

KILOG CFR software is the key tool for users who require traceability, in accordance with 21 CFR-Part11 standards. Security and integrity of data are guaranteed: it is not possible to modify or tamper with the data.

Software	Ref. KILOG-N
Interface	Ref. I-KIC1
Complete set : KILOG software + 2 USB interfaces	Ref. KIC12
Complete set : KILOG CFR software + 2 USB interfaces	Ref. KIC12 CFR

PC CONNECTION

• Data download on the PC



Place the KT-20 as shown beside, and connect the USB to your PC.



Be careful to insert the KT-20 with the engraved side not visible.

CALIBRATION

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