KISTOCK KT 20
Temperature datalogger

- *Fast data download (up to 1,400 values/second)*
- *Up to 8,192 measurement points*
- *2 configurable setpoint alarms*
- *Small dimensions*
- *IP 56 housing*

■ *Technical features*

Resolution...................................... 0.5°C
Storage capacity............................2,048 or 8,192 points
Setpoint alarm.................................. 2 setpoint alarms
Frequency of measurement.............from 1s to 255min (KT-20-G)
from 1s to 273h (KT-20-L and KT-20-T)
Working temperature......................from –40 to +85°C(KT-20-G andKT-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)
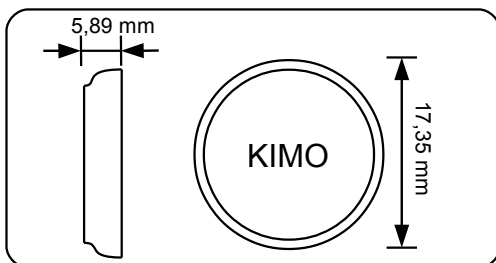
Temperature transmitter
Measuring range.............................-40 to +85°C (KT-20-G and KT-20-L)
0 to +125°C (KT-20-T)
Accuracy.......................................KT-20-G : ±1°C (-30°C≤T≤+70°C)
±1.3°C (T<-30°C and T>+70°C)
KT-20-L : ±0.5°C for +10°C<T<+65°C
KT-20-T : ±0.5°C for +20°C<T<+75°C

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.

■ *Features of housing*

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

■ *Dimensions*

■ *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.*

■ *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).

■ **KILOG** *Softwares*

- **Configuration and data processing software**
- KILOG enables you to configure, save and process your data in a very simple way.

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

- **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.

- Complete set: KILOG CFR software + 2 USB interfaces
Ref. KIC12 CFR-N

■ *Calibration*

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

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