



## sauermann KT220 Class 220 Kistock Data Loggers User Guide

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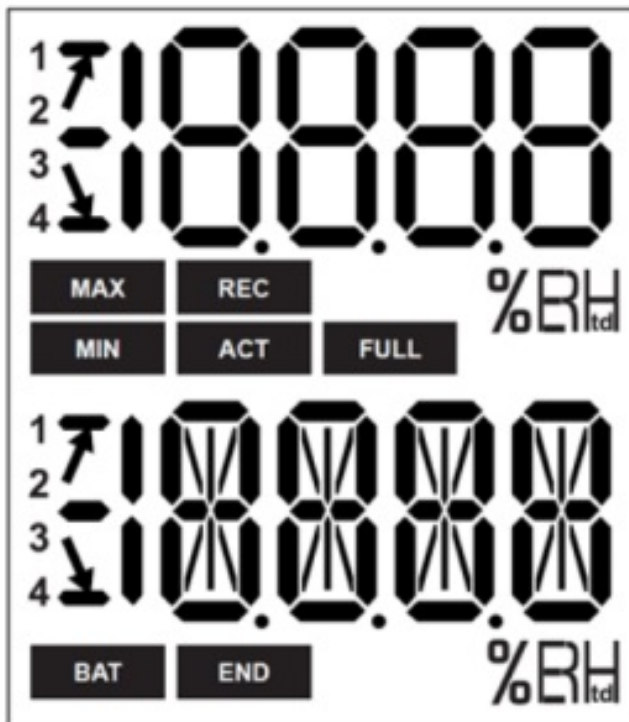
sauermann KT220 Class 220 Kistock Data Loggers User Guide




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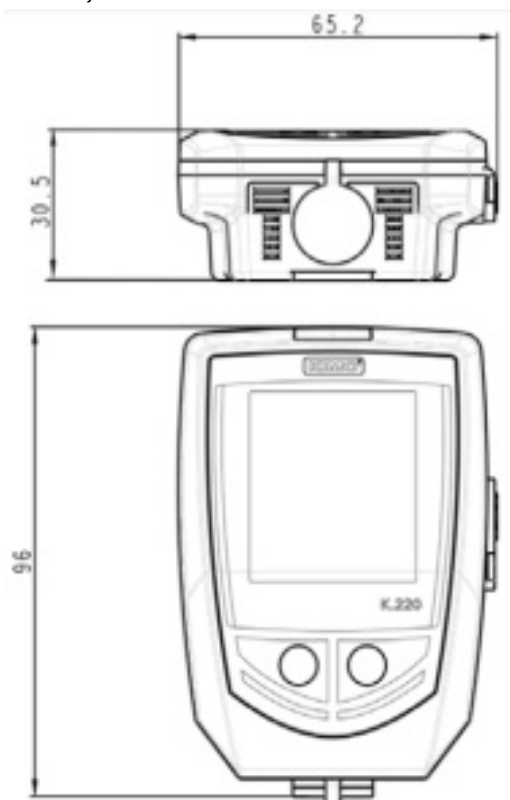
## Display



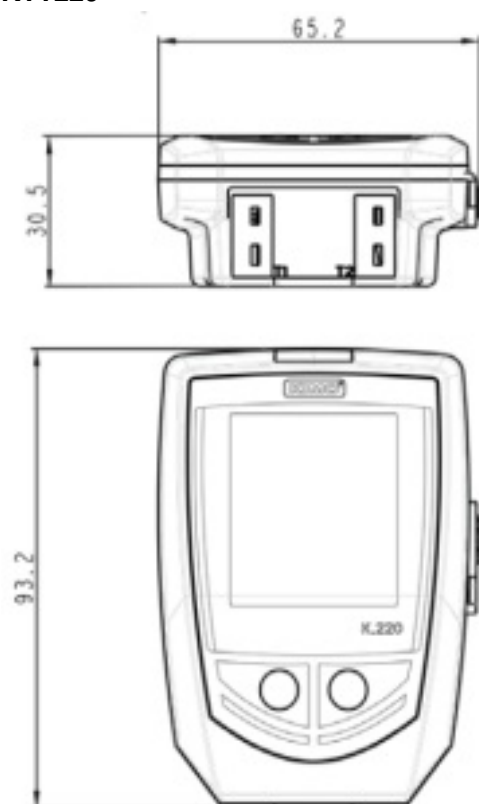
- **END:** DATASET is finished.
- **REC:** Indicates that one value is being recorded.  
It flashes: the DATASET did not start already.
- **FULL:** Flashing slowly: DATASET is between 80 and 90 % of the storage capacity.  
**Flashing quickly:** DATASET is between 90 and 100 % of the storage capacity.  
**Constant:** storage capacity full.
- **BAT:** Constant: indicates that the batteries have to be replaced.
- **1,2,3,4:** Indicates the channel number which is measuring.
- **ACT:** Screen actualization of measured values.
- **MIN/MAX:** The displayed values are the maximum/minimum values recorded for the channels displayed
-  : Indication of the direction of exceeding the threshold in the recorded measurement
- **°C:** Temperature in °Celsius.
- **°F:** Temperature in °Fahrenheit
- **%HR:** Relative humidity (KH 220)

## Dimensions (mm)

### KT220, KH220



### KTT220



\*With all the thermocouple probes connected.

## Connections



## Recorder function

### Five recording modes

KISTOCK can record in 5 different ways:

- "Immediate" mode records values according to a predefined interval.
- "Minimum", "Maximum" and "Average" record automatically the calculation of minimum, maximum or average of measured values during an interval of recording. "Monitoring" mode allows to get an accurate history report during error events to help troubleshooting, without stopping the measurement logging. To proceed this way, you just have to define :
  - a record interval to be used whilst the readings are beyond the setpoints
  - a record interval for the values measured during each reading beyond the setpoints
- Furthermore, you can also let your KISTOCK record non-stop ("loop" recording option).

### Four types of dataset start:

Once your recording mode has been set, you can launch your dataset:

- With a delayed start (with predefined date and time)
- With the software
- With push-button
- With "Online" option. In this case, your datasets are directly sent, saved and displayed on your PC in real time.

### Six types of dataset stop

## You can stop your dataset:

- According to a date and time (if it was started the same way)
- According to a period
- According to a predefined number of recording points
- Once the storage capacity is full
- With "Stop" option of the software
- By holding "OK" key during 5 seconds, if this function has been previously activated by the software

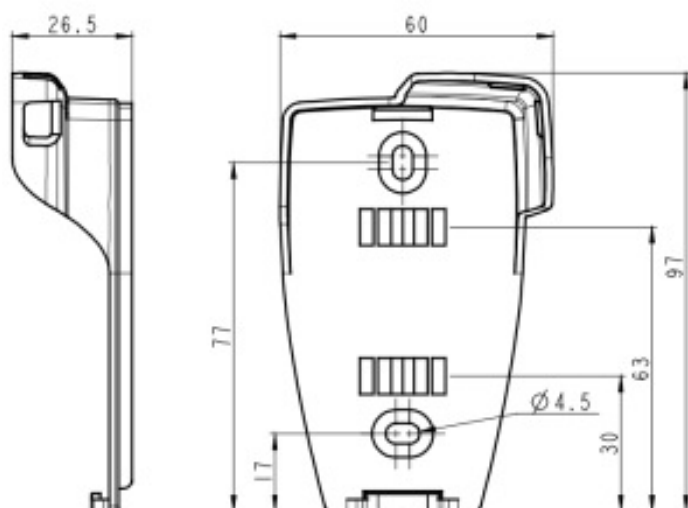
## Mounting

The KT 220, KH 220 and KTT 220 KISTOCK have a magnetic mounting, so you can fix it easily.

### Magnetic mounting



## Dimensions of the wall mount (mm)



## Accessories

Please refer to the data sheet to get more information about available accessories.

**Maintenance:** please avoid any aggressive solvent. Please protect the device from any cleaning product containing formalin, that may be used for cleaning rooms or ducts.

**Precautions for use:** please always use the device in accordance with its intended use and within parameters described in the technical features in order not to compromise the protection ensured by the device.

Reference	Parameters
KT 220	Temperature, humidity, current, voltage, electrical pulses, liquid pressure
KH 220	Temperature, humidity (internal sensor, an additional external humidity probe is available as an option), current, voltage, electrical pulses, liquid pressure, light
KTT 220	Temperature

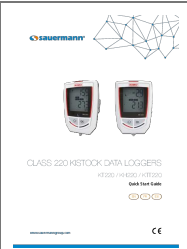
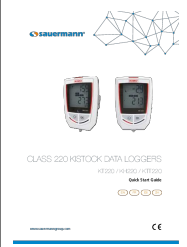
#### Operating temperature, protection of the instruments and information about storage and the battery

- Operating temperature\*: KT220: from -40 to +70 °C; KH220, KTT220: from -20 to +70 °C
- KT220: IP65; KH220: IP20; KTT220: IP54\*
- Storage temperature: from -40 to +85 °C

Battery power supply: 1x AA lithium 3.6 V battery

**Website:** [www.sauermanngroup.com](http://www.sauermanngroup.com)

#### Documents / Resources

	<a href="#">sauermann KT220 Class 220 Kistock Data Loggers</a> [pdf] User Guide KT220, KH220, KTT220, KT220 Class 220 Kistock Data Loggers, Class 220 Kistock Data Loggers, Kistock Data Loggers, Data Loggers, Loggers
	<a href="#">sauermann KT220 Class 220 Kistock Data Loggers</a> [pdf] User Guide KT220, KH220, KTT220, Class 220 Kistock Data Loggers

#### References

-  [Services - Homepage](#)
-  [Manufacturer of Condensate Pumps and Measuring Instruments | Sauer group](#)

Manuals+.