Temperature logger LOG200

KRITECH & Co sprl
Meteorology - Hydrology - Air & Gasflow

Product description

The LOG200 allows accurate monitoring and recording of temperature, whether transporting delicate products, cold stores, server rooms, or mandatory test protocols. The unit is also suited for the temperature survey in rooms and outside as meteorological thermometer, where the temperature can be controlled over longer periods of time.

The logger can accomplish up to 150.000 records. Via an USB interface, the determined data can be automatically output as a PDF file to a PC. A measuring interval of 15 minutes is pre-programmed. Optionally, the download of configuration software is possible. With this software, the storage interval can be set from 10 seconds to 24 hours.

An integrated motion detector records and documents vibrations, for example, when moving, or when opening and closing windows or doors.

Below the display is a status and alarm LED light.

Maximum and minimum values are indicated, as well as an average function with a time marker.

When values exceed or fall below certain set ranges, an alarm is triggered.

The logger is jet-proof to IP 65 and complies with EU standard 12830.

The device is made in Germany. An ISO certificate is included.

Functions

- Monitoring of temperature
- Status- and Alarm-LEDs
- Memory for 150.000 records
- MAX / MIN / AVG function, time marker
- Plug & Play - no software required (pre-programmed 15 minutes interval)
- Automatic output as PDF-file, optional configuration software download
- Configurable storage interval (10 sec. up to 24 hrs.)
- HI / LO alarm, motion sensor for shock recording e.g. change of location or door and window opening
- Jet-proof to IP65
- Compliant with EN 12830
- USB Interface
- Delivered with wall mounting holder and ISO certificate

Technical Data	
Delivery contents	Data logger, wall mounting holder, battery, ISO certificate, instruction manual
Measuring range	-40...+70°C
Accuracy	± 0,5°C (-10°…+40°C), otherwise ± 1 °C
Resolution	0,1°C
Response time	Approx. 10 min. (63%) / approx. 30 min. (90%)
Material	Plastic
Mounting	Wall mounting
Batteries	1x 3,6 V 1/2 AA (included in delivery)
Batteries life-time	Approx. 4 years (with measuring interval > 15 minutes)
Dimensions	(L) 43 x (B) 21 x (H) 92 mm
Dimensions with holder	(L) 49 x (B) 30 x (H) 98 mm
Weight	60 g

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LOG200_21010339_2021-02-11T171855.PDF

LOG200 SN 20021010339 V 04.80

Kritech Test 1

Konfiguration/Configuration

Benutzer/Operator
Intervall/Interval — 00:01:00
Start möglich durch/Start possible by — Taste/Button. Gegen Neustart gesperrt/Locked against restart
Startverzögerung/Start delay — 00:00:00
Stopp möglich durch/Stop possible by — USB Verbindung/USB connect
Alarm/Alarm — Keine Alarme gesetzt/No Alarms set

Zusammenfassung/Summary

Startzeit/Start time	11.02.2021 17:18:58	Start durch/Start by	Taste/Button
Stoppzeit/Stop time	11.02.2021 20:49:58	Stopp durch/Stop by	USB Verbindung/USB connect
Datensätze/Records	212	Dauer/Duration	03:31:00

	Min	Avg	Max
Temperatur/Temperature	12.5 °C	16.2 °C	22.7 °C

Temperatur/Temperature — Markierung/Mark
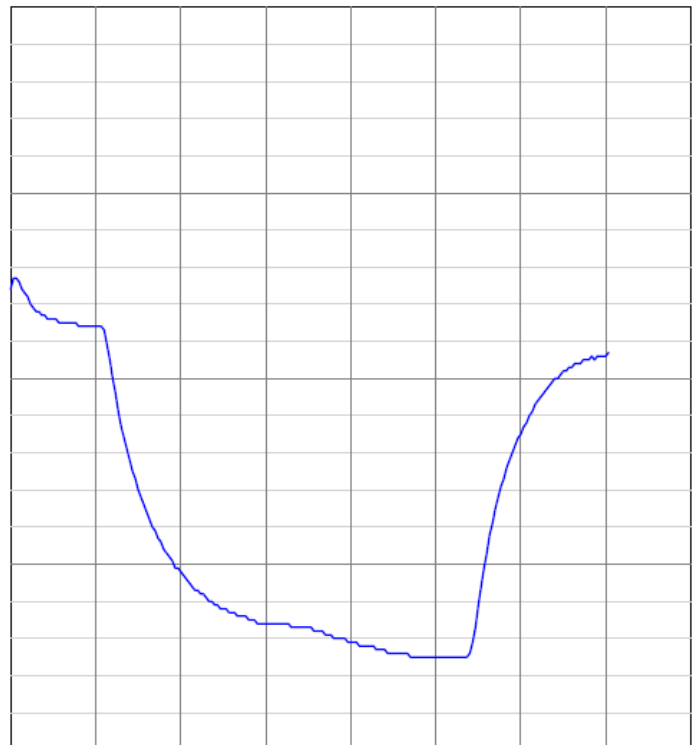
Bewegungssensor/Move sensor
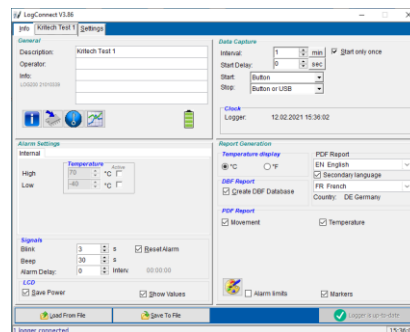
DATETIME	TEMPCELS	EVENTS
11.02.2021 21:59	15,4	02
11.02.2021 22:00	17,0	02
11.02.2021 22:01	17,7	00
11.02.2021 22:02	18,0	00
11.02.2021 22:03	18,1	00
11.02.2021 22:04	18,1	00
11.02.2021 22:05	18,2	00
11.02.2021 22:06	18,2	00
11.02.2021 22:07	18,2	00
11.02.2021 22:08	18,3	00
11.02.2021 22:09	18,3	00

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