46834

Temperature and Humidity

Features

Memory: 48000 measurements
Resolution: 0.01
Recording interval: from 5 seconds to 24 hours
Automatic file storage: ZLG, TXT, CSV, PDF

The XS mini loggers are programmable with the zLogg Manager software, and automatically generate a report in PDF format. They are equipped with a multi-function display: (date/time, sampling interval, recording start and stop mode, minimum, maximum, average value and average kinetic temperature).

Buzzer, event marking.

The XS mini loggers automatically generate the PDF and CSV report.

Each model is built with high-quality materials to ensure precision and reliability.

Internal battery (1 year autonomy) replaceable.

Start with START button with delayed start option.

STOP button activated via software to manually stop recording.

USB for connection to PC.

Free downloadable software.

ACCREDIA certifiable with minimum extended measurement uncertainty of 0.05 °C.

Features

Temperature accuracy: ±0.2 [-10 ... +80 °C] / ±0.5 above
Humidity accuracy: ±3 %RH [+15 ... +25 °C] / ± 5 %RH above
Battery power supply: 3 V CR2032
Compliance: CE, RoHS
Dimensions (L x W x H): 103 x 35 x 11
Battery life: 1-2 years
Memory: 48000 measurements
Weight: 0.031
Humidity measurement range: 0 … 100
Working humidity: 10 … 90
Response time: T90 ~ 15 min in air
Protection class: IP 30
Sensor: Sensirion SHT31
Working temperature: -40 ... +80
Display: Multifunction reflective LCD display, 30 x 17 mm
Measuring interval: 5 sec. to 24 hours
Measuring range Temperature: -40 ... +80
Temperature resolution: 0.01
Humidity resolution: 0.01 % RH