



Fourtec LITE5032L USB Temperature Logger (32K Memory, Internal Temp Sensor)

Product Images





Short Description

Offering 32,000 sample cyclic memory, the MicroLite Temp logger features an internal temperature sensor, and a USB interface for easy connection to a PC for user configuration, data download and sensor calibration using the free Windows-based DataSuite data analysis software.

You can set up low and high alarm thresholds and view the logger data on the 4-digit LCD, which scrolls between the current and minimum/maximum readings. The LED provides additional sample and alarm indication in the event the LCD is off due to the MicroLite's power save mode.

The logger is designed for both portable and stationary multi-use operation with a replaceable 3V coin battery lasting up to 1.5 years, depending on the operating conditions.

The MicroLite is dust and water resistant to IP67 standard, and together with the DataSuite software is 21 CFR Part 11 compliant.

Description

Key product Benefits:

- Measurement range of -40 to 80 °C
- Direct USB interface for setup, alarm and data download
- Supporting Boomerang feature for automatic emailing of PDF report on PC connection
- Multiple activation modes: Timer, Push to Run, Immediate
- LED for alarm and sampling indication
- Four-digit LCD with decimal point
- Up to 32K cyclic sample memory
- Free DataSuite software supporting data analysis and device setup

- Dust and water resistant, IP67

Additional Information

Brand	Fourtec
Measurements	Temperature
Typical applications	Building Monitoring, Building Performance, Cold Chain, Environmental (Indoor), Environmental (Outdoor), Field Research, Food Safety, Laboratory, Life Sciences

Specifications:

TEMPERATURE RANGE	-40 to 80 °C (-40 to 176 °F) ±0.3 °C @ 0 to 60 °C
TEMPERATURE ACCURACY	After calibration only: ±0.3 °C @ -40 to 0 °C and 60 to 80 °C
SAMPLE MEMORY	8,000 samples Minimum: Once every second
SAMPLING RATE	Maximum: Once every 18 hours
AUTO PDF & EMAIL DELIVERY (BOOMERANG FEATURE)	Yes
LCD	Four-digit, 7-segment LCD with decimal point
LED	Yes, for alarm and sampling indication
PC INTERFACE	Direct USB
BATTERY TYPE	Replaceable CR2032 3V lithium battery
BATTERY LIFE	~ 1.5 years depending on sampling rate and operating conditions
DIMENSIONS	11 x 3.9 x 2.6 cm
WEIGHT	45.5 g
WALL MOUNT	Logger cradle accessory provided
OPERATING ENVIRONMENT	-40 to 80 °C
STANDARDS COMPLIANCE	21 CFR Part 11, CE, EN12830, IP67

Explanation

Power

Replaceable CR2032 3V lithium battery