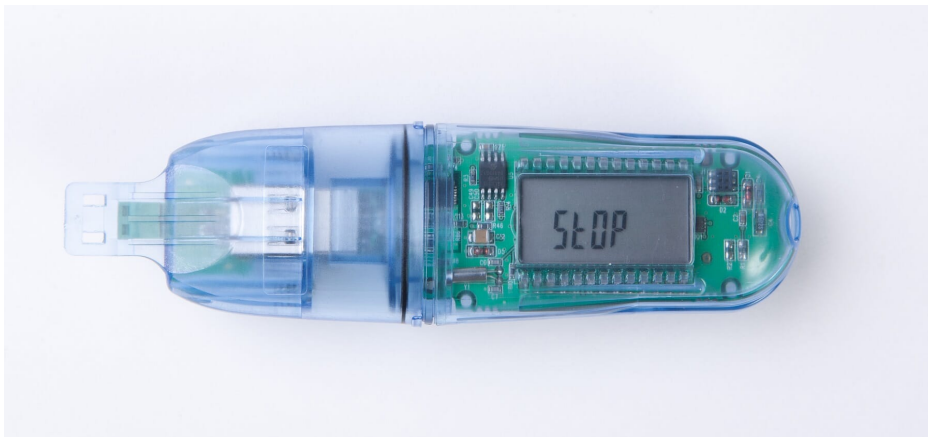




Fourtec LITE5032L-V USB 0-10V Voltage Data Logger

Product Images



Short Description

This MicroLite logger measures voltage over a range of 0 to 10 Vdc, with accuracy of ± 5 mV. Offering a 32,000 sample cyclic memory, the MicroLite Voltage logger features 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.

The logger's external input includes two screw terminals for easy wire-up, with scalable units supported by the software and device LCD. You can setup 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.

It is supported by FourtecLite android app for data analysis and device setup.

And using it with DataSuite software is 21 CFR Part 11 compliant for data analysis and device setup.

Description

Key product benefits:

- Measurement range of 0 to 10 Vdc
- 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
- 32K cyclic sample memory
- Free DataSuite software supporting data analysis and device setup
- Dust and water resistant, IP54

Additional Information

Brand	Fourtec
Measurements	Voltage DC, Volts (V)
Typical applications	Building Monitoring, Building Performance, Food Processing, HVAC, Industrial

Specifications

Current Range	4 to 20 mA
Current Accuracy	±20 µA
Current Resolution	1 µA (logger display), 5 µA (logger software)
Maximum Load	25 mA, 3 V
Sample Memory	32,000
Sampling Rate	Minimum: Once every second, 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	14 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, IP54

Explanation

Power

Replaceable CR2032 3V lithium battery