Minnow 1.2 TH
High Accuracy Temperature and Humidity Data Logger

Description:

The Minnow 1.2 TH Temperature / Relative Humidity data logger is a high accuracy, low-cost data logger. With a standard accuracy of +/- 0.13C (0.23F) and +/- 2% RH and a resolution of 0.01C it has unmatched performance in its price range.

The PC (and Mac) application is free and allows for device cloning, graphing, PDF report generation, and export to Excel or .csv files.

The circuit assembly is coated to protect the electronics from wet and condensing environments.

The Minnow is available with an optional NIST Traceable calibration at any temperature between 15°C and 40°C. NIST accuracy is +/-0.07C

Sensors:

Temperature

- Range: -20°C to 75°C
- Resolution: 0.01 °C
- Accuracy: ±0.13°C (0°C to 65°C) ±0.3°C else
- Cal Accuracy ±0.07°C (±20°C of Cal Temp)

Humidity

- Range 0% to 100% RH
- Resolution 0.02% RH
- Accuracy ±2% (10% to 90%), +4% else

Data Storage:

- 65,520 samples of two channels

Start Modes:

- Push button start
- Scheduled start
- Start on disconnect from PC (button disabled)
- Real time logging (displays real time data when connected to a PC)

Alarms:

- High and Low alarms for both sensors
- Ability to enable alarms on either sensor
- Dedicated Alarm LED

Connections:

- USB-C to PC

Power:

- User replaceable CR2032 battery
- 2-year battery life while logging
- Bypass mode: Unit is powered from USB when connected to conserve the battery

Real Time Clock:

- Time automatically synced to PC
- Battery backup. Continues to keep time when off
- Accuracy: 0.50 sec/day (~3 min/year)

Dimensions:

- 54 mm x 35 mm x 10 mm