

TEMPERATURE HUMIDITY VIBRATION DATA LOGGER

Specification

Data memory	12k
Temperature/Humidity sensor	Digital sensor
Temperature range	-40°C to +85°C (-40°F to +185°F)
Temperature resolution	0.1°C (32.2°F)
Temperature accuracy	±0.5°C (32.9°F)
Humidity range	0 to 100%
Humidity resolution	0.1%
Humidity accuracy	±3%
Vibration sensor	MEMS
Vibration range	±2G, ±4G, ±8G, ±16G
Vibration resolution	±0.01G
Vibration accuracy	±0.05G
Sampling frequency	From 2 sec. to 32 min. 20 sec.
Recording duration	From 7 hours to 365 days
Communication	USB and NFC
Logging start option	Press start button or auto start according to programmed Date/Time
Recording indication	Green LED
Alarm indication	Red LED
Battery life	Minimum 06 months
Current consumption	Stand by mode : 1.5µA Running mode : maximum 80µA
Size	86x52x12 mm (LxWxH)
Weight	50g
Case material	Polycarbonate

Features

Read data value while logging
Read current value in Real time mode
Read data when out of power
Low current consumption
Easy setting by computer software via USB communication
Calibration to achieve higher accuracy
User password
Non-stop recording
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