bun **THERMOMAX**

Wi-Fi **Ultra High|Low** temperature recorder-alarm

APPLICATION

"bun THERMOMAX" is a temperature recorder and alarm system with an external sensor for extremely low or high temperatures. It is powered by 2 replaceable AA batteries for up to 6 years and connects directly to Wi-Fi.
More than an accurate meter and a reliable logger, "bun THERMOMAX" is also a cloud-based alarm system.
All setting parameters like measurement intervals, upload intervals, minimum and maximum allowed temperature thresholds can be set through a web-based application on any platform. It sends out email and text message alarms as soon as temperature exceeds or falls below pre-set limits. It also provides access to the records history, graphs and periodical reports. Its hardware and software installation is very easy and does not require any specific tools or applications.

GENERAL SPECIFICATIONS

Sensor		External temperature sensor
Temperature measurement and alarm range (Sensor only)*	°C	-200 to +175 (up to +850 by order)
	°F	-325 to + 350 (up to +1560 by order)
Upload temperature range (device)	°C	-5 to +70
	°F	20 to +160
Temperature measurement Accuracy	°C	Max ± 0.8 °C (± 1.44 °F) - Depending on range
Power supply		2 x AA replaceable batteries
Sensor's protection class		IP 67
Compliances		IEEE 802.3, EN 61326-1, EN 61010, EN 12830, FCCID: 2AHMR-ESP12F, CE, ROHS, HACCP
Battery life*		Up to 6 years
Upload intervals		One hour to once a week (or on demand)
Record intervals		1 minute to 120 minutes (down 5 sec. by order)
Interface		Wi-Fi - IEEE 802.3 – 2.4 GHz
Max. number of internal records		16,384 – Automatic cloud sync and replace

*Temperature measurement will be less accurate in sensors with wider temperature range. To achieve highest accuracy narrower temperature range is recommended. "Bun *THERMOMAX*" can drive 2,3,4 wire RTD sensors. PT type, range and accuracy (Class Y [1/3 B], Class A, Class B) can vary based on order and calibration. By default,

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"Bun *THERMOMAX*" has a Y Class PT1000 sensor in a stainless-steel pocket with a 1.5 meter length cable. The cable includes 2 silver coating wires with PTFE cover and Fiberglass sleeving.

*Depends on reading and upload intervals and environmental conditions. Battery life is more than 6 years in a standard set up. (Standard set up is room temperature 20°C measurement every 15 minutes upload every 48 hours).

AMBIENT CONDITIONS

Storage temperature	°C	-25 to +75

DIMENSIONS

Diameter (max.)	L	mm	80.0
Height (max.)	H	mm	34.5

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Made in Canada

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