



RTD Thermometer Data Logger 1823

Cat. #2121.76

Designed for simplicity and one-hand operation.

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Channels	One with LCD display and backlit
Input Connection	One standard 3 prong RTD connector
Sensor Type	RTD100 or RTD1000
Measurement Range	-148 to +752°F (-100 to 400°C)
Accuracy	± (0.4% of R + 0.6°F/0.3°C)
Resolution	0.1°F or °C
Other Functions	MIN-MAX, Alarms
Sampling Rate	Programmable for 1s, 2s, 5s, 10s, 20s, 30s, 2min, 5min, 10min, 15min, 30min, and 1hr
Recording	Manual start/stop on the product Short press for MEM: spot recording/long press for REC at the defined default rate Programmed recording: start date, recording interval, and end date defined using DataView® software
Memory	1,000,000 measurements on each channel (2MB). Recorded data is stored in non-volatile memory and will be retained even if battery is low or removed.
Alarms	Alarms threshold set using the software. Visual alert on the product, recording can be triggered on alarm thresholds.
Communication	USB 20 and Bluetooth 4.0 Range 10m typical
Power Source	3x1.5V AA (LR6) alkaline batteries or USB port (micro-USB adaptor offered as an accessory)
Battery Life	1000hrs., 3 years with 15 minute intervals
Dimensions	5.9 x 2.84 x 1.28" (150 x 72 x 32mm)
Weight (with battery)	9.2oz (260g) with batteries
Case	Polycarbonate
Operating Temperature	14° to 140°F (-10° to 60°C)
Storage Temperature	-4° to 140°F (-20° to 60°C)

For more details, download the datasheet or user manual at www.aemc.com

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Relative Humidity	Up to 85% at 95°F (35°C)
Ingress Protection (IP)	IP50 with the USB cap on
EMC	EN 61326-1
Safety Compliance	IEC 61010-1
Warranty	2 years

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