

RHTemp1000

Description	RHTemp1000
Temperature Sensor	Resistance Temperature Detector (RTD)
Temperature Range	-40 °C to +80 °C (-40 °F to +176 °F)
Temperature Resolution	0.01 °C
Calibrated Accuracy	±0.5 °C (0 °C to 55 °C)
Humidity Sensor	Capacitive Polymer
Humidity Range	0 %RH to 100 %RH (non-condensing)
Humidity Resolution	0.1 %RH
Calibrated Accuracy	±3.0 %RH maximum
Data Format	Date and time stamped °C, °F, K, °R; %RH, mg/mL, Dew Point
Memory	16,350 readings per channel
Memory Wrap	Yes
Reading Rate	1 reading every second up to 1 reading every 24 hours
Time Accuracy	±1 minute/month at 25 °C
Required Interface Package	IFC400 or IFC406
Baud Rate	125,000 baud
Typical Battery Life	2 years typical at 25 °C (15 minute reading rate)
Operating System Compatibility	Windows XP SP3/Vista/Windows 7/Windows 8
MadgeTech Software Compatibility	Standard Software version 4.1.0.2 or later Secure Software version 4.1.3.0 or later
Operating Environment	-40 °C to +80 °C (-40 °F to +176 °F), 0 %RH to 100 %RH (non-condensing)
Material	316 Stainless Steel/PEEK
Dimensions	1.7 in x 0.97 in x 0.97 in (42 mm x 24.6 mm x 24.6 mm)
Weight	2.3 oz (65 g)
Approvals	CE

Battery Warning

WARNING: FIRE, EXPLOSION AND SEVERE BURN HAZARD. DO NOT RECHARGE, DISASSEMBLE, HEAT ABOVE 100 °C (212 °F), INCINERATE, CRUSH, OR EXPOSE CONTENTS TO WATER.

*Specifications subject to change.
See MadgeTech's terms and conditions at www.madgetech.com*

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Humidity and Temperature Data Logger

