



RF WS TMP01

Wireless Temperature Sensor



DATASHEET

Product name	RF WS TMP01
Thermistor Specifications	
Sensing Element	Thermistor
Thermistor Operating Range	-40°C to 125°C
Accuracy @ 25°C	+/- 1%
B-Constant (25°C – 50°C)	3380 ± 1%
Permissive Operating Current @ 25°C	0.38 mA
Rated Electric Power @ 25°C	15 mW
Dissipation Constant @ 25°C	1.5mW/°C
Time Constant @ 25°C	7 sec
Resistance @ 25°C	10K ± 1%
Coin Cell Specifications	
Battery Type	Replaceable 3.0V Coin Cell Battery
Dimension	1.775 in x 1.04 in x 0.785 in
Max Operating Temperature	-20°C to +60°C (-4° to +140°F)
Optimal Battery Operating Temperature (Coin Cell)	+10°C to +50°C (+50°F to +122°F)
Supply Voltage	2.0 - 3.6 V (Single CR2032 Coin Cell Battery)
Device Range	250 - 300 ft. non-line-of-sight device range*
Battery Life	At 1 hour heartbeat setting, coin cell battery will typically last ~ 1-2 Years. **
Enclosure Material	ABS
Dimensions	<p>Height: 0.785 in (19.939 mm)</p> <p>1.775 in (45.085 mm)</p> <p>1.040 in (26.416 mm)</p>
Articel No:	RF WS TMP01
Typical Applications:	
Warehouse temperature monitoring	Art gallery temperature monitoring
Monitor vacant commercial property	Heat remediation of bed bugs (extermination)
Summer/winter (vacation) property monitoring	Freezer and cooler temperature monitoring
HVAC system monitoring	Server room temperature monitoring
Cadaver storage cooler temperature monitoring	Greenhouse temperature monitoring



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