



RF WS HUM01

Wireless Humidity Sensor



DATASHEET

Product name	RF WS HUM01
Humidity Sensor Specifications	
RH Operating Range	0 – 100% RH
Accuracy	+/- 3% under normal conditions (10% - 90% RH)
Energy Consumption	80uW (at 12bit, 3V, 1 measurement / s)
RH Response Time	8 sec (tau63%)
868 MHz Specifications	
Operating Frequency	868 MHz Operating Frequency
Certifications	CE Certified and Complies with CISPR 22:2008-09 / EN 55022:2010 Class B and ETSI EN 300 220-2 V2.4.1 (2012-05)
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	Humidor monitoring
Summer/winter (vacation) property monitoring	Greenhouse temperature monitoring
HVAC system monitoring	Server room temperature monitoring
Agricultural environmental monitoring	



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