

## SPECIFICATIONS

### Range:

0 to 100% RH

### Resolution:

0.1% RH

### Accuracy:

± 2% from 1-90% RH  
± 3% from 0-1% RH  
± 3% from 90-100% RH

### Temperature Accuracy:

5 to 40°C: ± 0.5°C  
-40 to -5°C: ± 1.0°C  
40 to 60°C: ± 1.0°C

### Operating Environment:

-38 to 60°C

### Probe Dimensions:

4.44 x 1.68 x 0.74 cm

### Cable Length:

3m standard

### Connector type:

3.5mm plug

### Datalogger Compatibility:

Em50

# Relative Humidity and Temperature Sensor

The RH/Temperature sensor measures relative humidity (RH) and temperature, making it ideal for use with ECH<sub>2</sub>O probes in studying microclimate and evapotranspiration.

It connects to any channel in the Decagon's EM50 datalogger for long-term temperature monitoring.

The standard cable is 3m with stereo-style plug, but custom lengths and ends are available upon request.



## Order Information

Part	Description
RHT Sensor	Relative Humidity / Temperature sensor
PASS RHT	Radiation shield with RHT sensor installed

## Accessories

The Radiation Shield is HIGHLY RECOMMENDED to protect the Temperature Sensor and the RH/Temp Sensor from ambient interference. Without proper protection, these sensitive devices can give inaccurate readings.



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