



HOBO S-LWA-M003 Leaf Wetness Smart Sensor

Product Images



Description

The Leaf Wetness Smart Sensor provides accurate leaf wetness data in a number of growing and research applications. The sensor is ready to use and does not require any painting or coating. It uses a capacitive grid that is less sensitive to surface residues than resistive grid-based sensors, and comes preconditioned for consistent measurements between sensors and for long-term stability.


Along with a 3-metre cable, a mounting bracket is included so the sensor can be easily positioned to mimic the wet-dry characteristics of the plants being studied.

Features

- Preconditioned for consistent measurements
- Does not require any painting or coating

- 3-metre cable and mounting bracket included.

Additional Information

Country of Manufacture	United States
Explanation	<p>The country of origin for this product is the United States. To see the full specifications for this product, please see the manual found under the Resources tab.</p> <p>Measurement range: 0 (dry) to 100% (wet) Operating range: -40°C to 70°C, (-40°F to 158°F) Repeatability: ± 5% Resolution: 0.59% Stability: < ± 5% per year Interchangeability between sensors (over the range 10-90%): ± 10% Measurement averaging option: No Housing: No coating required Sensor type: Capacitive Grid</p> <p>Dimensions Sensor plate: 4.7 cm x 5.1 cm (1.8" x 2.0") Tube: 12.2 cm length x 1.8 cm diameter (4.8" x 0.7")</p> <p>Cable length: 3m (9.8') Length of Smart Sensor Network Cable: 3m Approximate weight: 127 g (4.5 oz) for sensor, and 290 g (10.2 oz) with mounting bracket Mounting bracket: 20 cm long (8"); Sensor can be positioned at any angle between 0 and 90 degrees (vertical) Number of data channels: 1 For mounting on tripods or masts 3.2 cm to 4.1 cm (1 1/4" to 1 5/8"), Cross Arms (Part # M-CAA or M-CAB), or flat surfaces. U-bolt and tie-wraps included.</p> <p> - The CE Marking identifies this product as complying with all relevant directives in the European Union (EU)</p>
Contents	<ul style="list-style-type: none">• HOBO S-LWA-M003 Leaf Wetness Smart Sensor• Mounting bracket• U-bolt• Tie wraps
Ideal For	Professional, Agronomy
Brand	Onset HOBO
Housing	Cable
Measurements	Leaf Wetness
Compatible With	RX3000 Remote Monitoring Station Data Logger, RX2100 MicroRX Station, RX2100-WL MicroRX Water Level Station, U30-NRC U30 USB Weather Station Data Logger, H21-USB USB Micro Station Data Logger