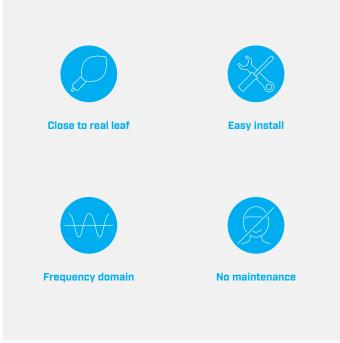


LWS101 Leaf Wetness Sensor

LWS101 leaf wetness sensor is standardized, calibrated, and designed to detect wetness (presence and duration) and ice formation right out of the box. No painting, baking, or user calibration required.





The sensor's thin (0.65 mm) fiberglass construction closely approximates the overall radiation balance of a healthy leaf,

so moisture will condense and evaporate from the sensor at the same rate as it would on a normal leaf.

Technical specifications

frequency domain 320 to 1000 mV @ 3 V excitation -40 °C to +50 °C
-40 °C to +50 °C
0.5V.D.C 0 1 5V.D.C 7 1
2.5 V DC @ 2 mA, to 5 V DC @ 7 mA
5 m standard, custom lengths available
3.5 mm "stereo" plug or stripped and tinned lead wires (3)
11.2 x 5.8 x 0.75 cm
2+ years of continuous use
one year, parts and labor