

The RainWise Leaf Wetness Sensor

The RainWise Leaf Wetness Sensor consists of a gold plated printed circuit board with a pattern that conducts in the presence of moisture. Any moisture, including dew, that collects on the board will cause a contact closure. When connected to a RainWise logger, this energizes a timer which records the "leaf wetness time" in hours and minutes.

RainWise, in cooperation with Purdue University, has developed a replaceable nylon screening that is fastened over the basic sensor. This screening retains moisture in the same way as a leaf, resulting in a very accurate simulation.

The standard mounting is the RainWise plug-in mount that matches our Monopod. The sensor can also be furnished with a small NEMA 4X enclosure equipped with a Monopod mount for remote installations.

The RainWise Leaf Wetness sensor is guaranteed for five years.



Basic Leaf Wetness Sensor

SPECIFICATIONS

Material:	Gold plated PC board on PVC support
Output:	Contact closure – 0.5 amp –non inductive.
Mounting:	RainWise plug-in Monopod mount.
Input voltage:	12VDC.
Input current:	50.0 milliamps.



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