

Model: SEN-LW



Description

This sensor is used to detect the presence of surface moisture on foliage and calculate the duration of wetness. When moisture is present, the sensor detects an electrical resistance change between the gold-plated elements of the grid. This is displayed by the logger as a value between 0 (dry) and 15 (wet).

Sensor Output: Resistance varies from above 3,000,000 ohms when dry to around 1,000 ohms when wet

Sensor Range: 0 to 100% of the dew range, frost and freezing conditions will not harm the sensor

Response Time: 0 to 100% relative dew within six minutes

Output: voltage output (Analog)

Mounting

To mount the sensor on a pipe, stake, or pole with outside diameter between 1" and 1-1/4" (25 mm and 31 mm), secure the sensor to the pipe using the 1-1/2" U-bolts, 1/4" flat washers, and 1/4" hex nuts as shown below. Use a 7/16" wrench or adjustable wrench to tighten the hex nuts

Applications

- Agro-metrological Studies
- Agriculture

Virtual
Hydromet

1105/1, Salempur Rajputana Industrial Estate
Roorkee - 247667, Haridwar, Uttarakhand, INDIA
Tel :+91-7088-772-772, vhydromet@yahoo.com

Represented by:

**** Drawing & specifications are subjected to change at any time without prior notice as per manufacturing suitability.**