

Technical Data

WET Leaf Wetness Sensor



WET The ADCON Leaf Wetness Sensor was developed to provide users with a robust and low-maintenance alternative to the traditional style sensors using sheets of paper or human or animal hair. A grid of conductive tracks, etched onto a Teflon-coated ceramic plate reliably simulates the surface of a leaf and outputs a range of readings between 0 and 10.

Dimensions incl. bracket	450 x 90 x 90mm L x W x H
Weight	500 gr.
Materials used	Sensor: Teflon coated ceramics Mounting arm: aluminum with plastic holders
Protection class	IP-66
Operating environment	-20°C ... +60°C; 0 ... 100% rh
Measuring Principle	capacitive condensation sensor
Output signal	0 ... 2,5 V DC
Repeatability	± 3%
Supply voltage	5.5 ... 12 V DC
Mounting	on poles with 40 - 50mm in diameter
Cable and connector	3m cable, 7-pin Binder M9 male