Leaf Wetness Sensor

IM522CD

IM521CD

LWN530

IM521CD

Leaf Wetness works by measuring the conductivity in a filter paper. The filter paper is held through two stainless steel electrodes in a transparent holder. The use of transparent Lucite plastic as a holder reduces the warm up of the sensor when it is exposed to direct sunlight.

Supply voltage	4.75 - 5.25 V
Supply current	max. 1500 µA
Short circuit protection	infinite (within supply voltage range)
Dry / Wet threshold	220 - 390 kohm
Output	dry: max. 0.4 VDC wet: min. VCC-0.4VDC
Dimensions	127 mm x 254 mm x 508 mm
Electronic	Totally plastic encapsulated - SMD
Evaluation	Digital - Filter paper
Cable length	5 m
Part.no. IM521CD	Leaf wetness sensor with 5 m cable