

Decagon LWS Leaf Wetness Sensor

LEAF

LWN530



IM522CD

IM521CD

LWN530

Decagon LWS is designed to detect wetness (presence and duration) and ice formation.

Measurement Time	10 ms (milliseconds)
Sensor Type	Frequency domain
Output	320 - 1000 mV @ 3 V excitation
Operating Environment	-40°C to 50°C
Power	2.5 VDC @ 2 mA, to 5 VDC @ 7 mA
Cable Length	5 m standard; custom cable lengths available
Sensor Dimensions:	11.2 cm x 5.8 cm x .075 cm
EXPECTED LIFETIME:	2 + years of continuous use
Part.no. LWN530	Decagon leaf wetness sensor
Interface	Necessary Interface to connect this sensor with iMetos: ECH870E / ECH871E