METER
ENVIRONMENT

PHYTOS 31 Leaf wetness sensor



- Accurate
- Easy to use
- Detect leaf wetness and ice formation
- Sensitivity without false positives
- Mimics a real leaf, so moisture will condense/evaporate as it would on a normal leaf
- Plug and play capability
- Use with the ZL6 data logger for remote data collection
- No need to create thresholds when used with the ZL6 data logger

The PHYTOS 31 lets you know leaf wetness in no uncertain terms. It measures both the onset and duration of wetness on a simulated leaf, which in turn predicts when the onset of certain diseases or infections may occur. It's not only a more accurate instrument, it's also the easiest to set up, making it a simple and straightforward solution to several problems.

Only the PHYTOS 31 ensures that every water droplet is measured.

SPECIFICATIONS

PHYSICAL SPECIFICATIONS	
Dimensions	**Length:** 12.0 cm (4.7 in) **Width:** 5.8 cm (2.3 in) **Height:** 0.8 cm (0.3 in)
Operating temperature range	**Minimum:** –40 °C **Typical:** NA **Maximum:** +60 °C NOTE: Sensors may be used at higher temperatures under certain conditions; contact Customer Support for assistance.
Cable length	5 m (standard) 40 m (maximum custom cable length) NOTE: Contact Customer Support if a nonstandard cable length is needed.
Connector types	3.5-mm stereo plug connector or stripped and tinned wires
ELECTRICAL AND TIMING CHARACTERISTICS	
Supply voltage	**Minimum:** 2.5 VDC **Typical:** NA **Maximum:** 5.0 VDC
Settling time	10 ms
Output	300–1,250 mV (depends on excitation voltage)
Data logger compatibility	METER data loggers (ZL6, EM 50/60 series) or any data acquisition systems capable of switched 2.5–5 VDC excitation and single-ended voltage measurement at greater than or equal to 12-bit resolution.
COMPLIANCE	Manufactured under ISO 9001:2015 EM ISO/IEC 17050:2010 (CE Mark)

מטאו-טק שירותים מטאורולוגיים בע"מ

לח"י 31 בני ברק 5120052

טל. 03-616098 פקס. 03-6184384

www.meteo-tech.co.il * info@meteo-tech.co.il