# Leaf wetness sensor



- It measures the presence of wetting on itself generated in a range of 0...100%
- Given its small size and weight, applicable on the leaf surface, or usable as a simulator of the behavior of the leaf
- It measures the presence of wetting independently on its two faces: two independent outputs

The leaf wet presence sensor detects the presence of water over the leaf surface irrespective of the source. The sensor is based on the principle of conductivity between electrodes, which are arranged on the double sensitive surface.

## Technical Specifications

| PN | DQA057.1 | |
|---|---|---|
| | Principle | Capacitive |
| | Measure | Percentage of wetted area |
| | Range | 0...100% |
| | Accuracy | 5% |
| | Output | 2 outputs: upper and bottom faces<br>0,5...3 V DC<br>0...1 V DC (using N.1 EDSCA2000) |
| | Power supply | 5...18 V DC (<1 mA) |
| | Operative temperature | -30... 60 °C |
| | Protection | IP67 |
| | Cable | L=10 m |
| | Weight / Dimensions | 0.15 kg / 61x115x11 mm. Thickness: 1.6 mm |
| | Data logger compatibility | Using N.1 EDSCA2000 interface<br>E-Log, Alpha-Log (using ALIEM module) |

## Accessories

| | | |
|---|---|---|
| | **EDSCA2000** | Interface for data logger<br>Signal input: N.2 0.5...3 V DC<br>Signal output: N.2 0...1 V DC |

**LSI LASTEM** Srl
Via Ex SP. 161 Dosso, 9
20049 Settala (MI)
Italy

**Tel.** +39 02 954141
**Email** info@lsi-lastem.com
**www.lsi-lastem.com**

MW9000-ENG-20-24/02/2026