

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 behaviour 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 0,5...3 Vdc 0...1 Vdc (using N.1 EDSCA2000)
	Power supply	5...18 Vdc (<1 mA)
	Operative temperature	-30... 60°C
	Protection	IP67
	Cable	L=10 m
	Weight / Dimensions	0.15 kg / 61x115x11 mm. Thickness: 1.6 mm
	Compatibilità con data logger	Using N.1 EDSCA2000 interface M-Log (ELO008), R-Log (ELR515.1), E-Log, A-Log (using ALIEM module)

Accessories

	EDSCA2000	Interface for data logger Signal input: N.2 0.5...3 Vdc Signal output: N.2 0...1 Vdc
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