






LR-MS-4

SENSORS ACQUISITION MODULE

(Temperature, moisture, wind, solar, rain, etc.)

Inputs	sensor inputs 4
Power	9V 
Connection	
Range	800* m
Managed via	

*Variable range depending on the configuration of the installation



LR-MS-4

The LR-MS-4 module is a sensor data acquisition module. The 4 inputs allow to accommodate sensors like temperature, soil moisture, anemometer but also water meters and rain sensor. MySOLEM.com platform and App will be able to stop the irrigation with the settings that you will decide (example : tresholds and stop associated modules).



Temperature

Thanks to the dedicated input, manage your irrigated installations by setting the ideal temperature for your plants.



Soil moisture

Thanks to the 3 non-dedicated inputs, install one or more probes on your LR-MS and control and optimize the irrigation of your plant according to its needs. Compatible sensors are Vegetronix VH400, Watermark SS200, Decagon EC5, EC10, Truebner SMT50 and Waterscout SM100.



Anemometer

Manage your installation by prohibiting irrigation if there is too much wind (define your tresholds in MySOLEM platform). Ex: too much wind will irrigate the road instead of the plants of a roundabout.



Rain

Don't irrigate uselessly thanks to the rain sensor plugged in the LR-MS. It will stop all or just few ones of your products.



Watermeter equipped with a pulse contactor

Plug your watermeter in the LR-MS, follow your water consumption and add daily tresholds to be alerted.

Stay tuned : other probes soon (hydrometry, UV, ...)



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INSTALLATION

3 configurable inputs to choose from :

- Dry contact (rain sensor, wind sensor, ...)
- Pulse (flowmeter, wind sensor, ...)
- Analog (0-3.5V)

(moisture sensor, solar radiation, ...)

1 temperature acquisition input (type Pt100)

Operating temperature :
from -20°C to 60°C

Bluetooth® Smart 4.0 Low Energy

LoRa™ radio communication

Require association

to a LR-MB or LR-BST-25 relay

DIMENSIONS

Width: 14 cm

Height: 9 cm

Depth: 5,5 cm

FEATURES

100% waterproof (IP68 Rated)

6AM6 or 6LR61 9V Alkaline battery

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