

FLORJA Humidity Sensor

The wireless, battery-powered radio sensor measures moisture, temperature and salt directly on the plant - outdoors or in the pot. The flexible cable on the sensor allows up to 100 cm soil depth, the sensor including radio housing can be completely buried - so it is not visible.

The data is sent via wireless technology to the Florja platform, where it is processed and visualized according to customer specifications.

Both the sensor data (assigned plant, location of the sensor, user data) and the measurement intervals can be easily changed at any time. Installation and commissioning are true plug & play.



Consumer Version of the Florja Sensor



The user can log in with any internet browser and device and see all data at a glance. Problems can be detected immediately through colored visualizations.

Florja also allows the user to set alerts / email alarms, so theoretically the user can be informed at any time, even without access to the app, should problems arise.

All values can be easily set and changed by the user through the app with immediate effect. Weather data based on the sensor zip code can be viewed at any time.

If desired, irrigation can be combined with the sensor and used intelligently.

Software Application

Internet based, no additional application needs to be loaded, any internet capable device can be used.

Radio Technology: LoRaWAN

LoRaWAN Frequency 868MHZ
SemTech LoRaWAN Module

Pre-installed Plug & Play – Helium Network

Self-installation on all accessible LoRaWAN networks possible. Keys included with delivery.

Sensor Hardware

3.6V Battery, Life span 3 years+

Volumetric moisture measurement

Cable sensor to radio housing 100 cm