WiFi Soil-Moisture Sensor V0.6 , User Manual

Figure 1 - Designation of sensor components (Sensor without enclosure)

1 Starting the sensor in working mode

- Toggle Power switch (1) to ON state and enjoy

2 Starting the sensor in setup mode

- Hold down the configuration button (3) and toggle Power switch (1) to ON state

- Connect to the new Wi-Fi network using the passphrase: "password"

- Go to the configuration page at http://192.168.4.1 in browser

- Log in using the standard password "admin"

- Configure the connection to your home Wi-Fi network

- Configure the necessary notification methods

- Calibrate the sensor in the Options menu (Figure 2) or use default values

- Restart the humidity sensor by web-interface or by power switch (1).

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3 Calibration

- Insert the sensor into dry soil and press the "Set as 0%" button

- Water the soil, wait few minutes, press "Set as 100%"

- Press the "Submit" button and reboot the device

Figure 2 - Sensor Calibration menu

4 Recommended configuration options

The humidity sensor is designed to send data by several methods, such as: HTTP, MQTT, Telegram or ThingSpeak. Our recommendation – to use only one of them, to minimize the battery consumption.

Also, you can use web interface to configure the selected notification method.

5 Warranty and Technical Support

Warranty of the device is 12 months from the purchasing date

For the technical support questions, suggestions and improvements, please contact us: Email: info@ag-rf-engineering.de

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We wish you enjoy our product!

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