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FEMS App Shelly Meter

Version:2026.04.1

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1. Introduction

Dear customer,

Thank you for choosing the "FEMS App Shelly Meter". You are welcome to send us your suggestions so that we can further improve the quality of our products.

2. Requirements for integration into EMS

The Shelly …

- … must be integrated in the same network as the EMS.
- … must have a stable WIFI connection.
- … must be set up via the proprietary Shelly app so that the consumption value can be displayed in the FEMS App Shelly Meter.

2.1. Compatibility

The FEMS App Shelly Meter is used to integrate the following Shelly devices as production meters or consumption meters into the FENECON Online Monitoring:

- Shelly Pro 1PM
- Shelly Pro 2PM
- Shelly Pro 4PM
- Shelly Pro 3EM-400
- Shelly Pro 3EM 3CT 63
- Shelly 3EM-63W Gen3
- Shelly 3EM-63T Gen3

3. Installation of the FEMS App Shelly Meter

Instructions on the general procedure can be found here.

Select the FEMS App Shelly Meter in the EMS App Center and click on *INSTALL APP*:

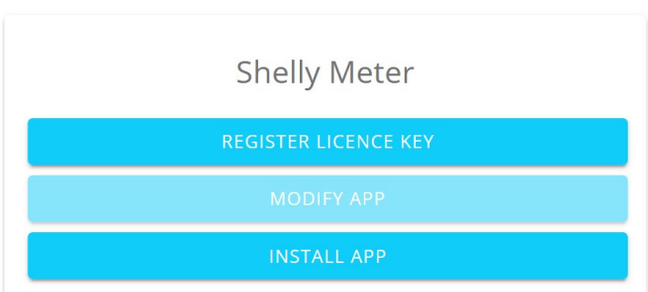


Image 1. Installation of the FEMS App Shelly Meter

This window will then open:

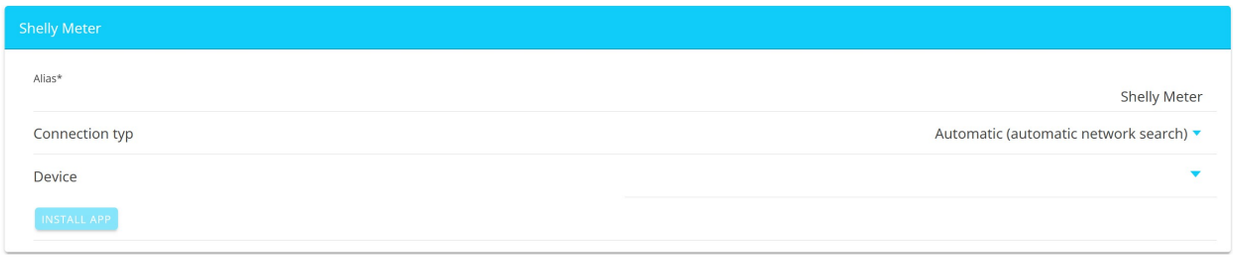


Image 2. Configuration of the FEMS App Shelly Meter

3.1. Alias

A suitable alias for the Shelly can be assigned here, e. g. *Living room*.

3.2. Connection type

There are two options here:

Image 3. Connection types

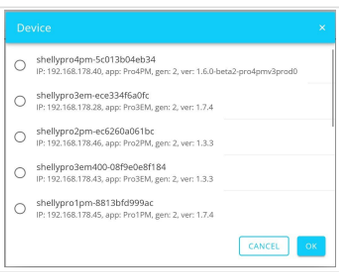
	1. *Manual input* If you select *Manual input* and click on *OK*, you must then enter the IP address of the Shelly manually. **The IP of the Shelly can be obtained from the web interface of your router or the Shelly Smart Control app**. You must also select the device type (in this case: Shelly). The IP address of the EMS should be set in the router to **Always assign the same IPv4 address to this network device**.
	2. *Automatic* The FEMS App Shelly Meter lists all Shellys in the same network. When the corresponding Shelly has been found, select it and click on *OK*.

Table 1. Connection types

3.3. Device/IP address

Depending on whether you have opted for *Manual entry* or *Automatic* search, the IP entered or the device selected from the list is displayed here.

3.4. Type of use

Select whether the Shelly should be used as a Production or Consumption meter. Depending on the use, the corresponding widget (Production or Consumption) will be displayed later in FENECON Online Monitoring.



Image 4. Example: Shelly Pro 2PM

A suitable alias should be assigned for each channel.

Complete the configuration by clicking on *INSTALL APP*.

4. FAQ — FEMS App Shelly Meter

Measurements & Power Flow

Why is it that no voltage/current/power value is displayed?

One reason for this may be that an incorrect IP address has been entered.

Please ensure that you have entered the correct IP address.

The current/power value is displayed as a negative value.

The Shelly app displays the consumption value as a negative value if the device is integrated as a production meter.

In this case, the negative display is correct as it represents the current generated.

5. Contact us

For support, please contact:

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