## Installation instructions



Easytank meter

LED	Main function	Secondary function
• Yellow	Displays when the device is switched on or on standby	
Green	Flashes when the meter sends data	Stays on when the meter is properly connected to the router
Red	ERROR See the table below.	
<ul><li>Yellow</li><li>Green</li></ul>	The modem is attempting to connect with the server.	Two flashes indicate that the modem is connected to the server.
<ul><li>Yellow</li><li>Green</li><li>Red</li></ul>	The modem is powered up. If this flashing doesn't stop, contact	The three LEDs flash at the same time when the modem and the meter are connected.

#### **Red LED error codes**

Number of flashes	Error	
1	No RF signal received for the last 6 hours	
2	Connection problem	
3	Invalid IP address	
4	No server connection	
5	The server is not responding correctly	
6	Invalid IP address	
7	No server connection	

### **Installation instructions** Easytank meter



#### **General information**

The Easytank meter allows the fuel level in the tank to be measured ultrasonically. There is a wifi connection between the meter and the modem which sends the data to the server.

The modem sends the data to the cloud using your Internet box's Ethernet connection. This type of communication does not involve any transaction costs. To check the level in your tank using your GSM or PC, you must connect to the app via https://app.easytank.lu

Included in the kit



#### **LED indicators**

- yellow > On
- green > Data is being sent
- red > Communication error



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# Installation instructions

Easytank meter



#### STEP 1 : Switch on the modem and connect to the server

- A. Use the Ethernet cable to connect the modem to your Internet router
- **B.** Plug in the mains connector
- C. The modem lights up and immediately attempts to connect with the Internet.
- $\ensuremath{\textbf{D}}.$  If a connection is established, the LEDs will flash twice



E. Once the Internet connection is terminated, only the yellow LED will stay on



F. If the red LED flashes, refer to the table on page 4



#### STEP 2 : Coupling the meter and the modem

A. Unplug the mains connector and plug it in again to start up the device.  $\ll$  learn  $\gg$ 

**B.** Couple the two devices by bringing the black circles on each device close together (see Figure 1). Or bring a magnet close to the meter (see Figure 2).

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**C.** The coupling process is finished when the LEDs stop flashing and the **green** LED stays on for 5 seconds.

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 $\ensuremath{\mathsf{D}}.$  Separate the meter from the modem. The modem will send measurements to the server.



**E.** The green LED will continue to flash quickly to indicate that the meter is in « fast mode » : it then sends data continuously for 10 minutes.





Installation instructions Easytank meter



#### **STEP 3 : Installation of the meter on the tank**

The procedure is the same whether the tank is old or new.

Check carefully whether the top of the tank has a 1', 1/2 or 2' cap.

- 1. Unscrew the cap and pull it out. Screw the black cap provided with the meter into place.
- 2. Insert the meter into this cap and attach it with the 2 screws provided.
- **3.** Ensure that the meter is vertical and that the two screws that fix the meter to the black cap are not completely crushing the seal ring between the meter and the cap. If this occurs, measurements will not be accurate and an error message will appear on the display.

#### For tanks without pre-drilled holes

- 1. If the tank is not pre-drilled, use a 30/32mm hole saw and drill into the surface of the tank to create a point that will enable the transmitter to be mounted easily.
- 2. Use the installation diagram below to adapt the mounting as required.
- **3.** Ensure that the transmitter is positioned vertically on the top of the tank.
- 4. Screw the transmitter to the tank.

#### Installation aid



#### STEP 4 : End connection to the server

Go back to the modem to check that everything is correct and check the data in your app.

