1. Safety Information

⚠ The housing of the meter shall not be opened.

⚠ Changes in the data telegram or the transmission rate affect your battery life.

⚠ The meter sends no data telegram after delivery ex factory. The transmission starts after the installation of the meter.

ⓘ Detailed information for the parameterization with the service software can be found in the UltraAssist user manual.
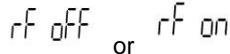
2. Description of function

The wireless M-Bus function enables the meter to communicate with a stationary (radio concentrator) or mobile unit (handheld, smartphone) using 868 MHz radio frequency (unlicensed). The function supports the OMS-compliant data transfer.
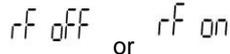
3. LCD-Display

ⓘ **Note:** Both display range and data displayed can differ from this description depending on the meter parameterization. Certain button functions can also be blocked.

User loop "LOOP 0"

LOOP 0	User loop
…	…
rF oFF or rF on	Send status "disconnect (off)" or "connect (on)"

General/Communication "LOOP 3"

LOOP 3	General/Communication
…	…
rF oFF or rF on	Send status "disconnect (off)" or "connect (on)"
rF t1 A	Radio mode and security profile

4. Start-up

After an accumulation of volume of at least 10 liters, the meter starts the transmission automatically and starts with the regular sending of the data telegram.

In addition, the following options are available to start the transmission:

● Starting the transmission in LOOP 0

Starting the transmission in "Para menu". You can find detailed instructions in our Info Finder App.

Starting the transmission in LOOP 0

Proceed as follows to start the transmission:

● Hold the button several times long (for more than 3 s) until

    LOOP 0   appears on the LCD.

● Press the button several times briefly (for less than 2 s)

    until   rF oFF   appears on the LCD.

● Press the button long (for more than 3 s).

The transmission is activated, and the LCD display will change

to   rF on   .

The meter starts with the regular sending of the data telegram after about 1 minute.

5. Technical Data

Standard	Open Metering System Specification (Issue 4) EN 13757-4, T1 or C1 mode
Security profile	A/5; B/7 or unencypted
Frequency	868.95 MHz (min. 868.90 MHz to max. 869.00 MHz)
Transmission power	Min. 3.16 mW (5 dBm) to max. 25 mW (13.9 dBm)
Range *)	
- Free field	Up to max. 400 m
Power supply	max 3 batteries type AA
Sending interval	
- Mobile data reading	Depending on configuration 20 - 34 s
- Stationary data reading	15 minutes
- User defined data reading	Depending on telegram length 12 – 900 s

*) May vary depending on terrain and building structure

Detailed manuals for the product can be found in our Info Finder App (for Android and iOS).

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