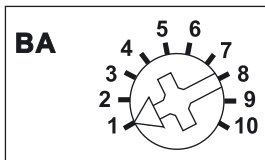The enclosed small antenna can be replaced with a wireless antenna FA250 with magnetic base and cable.

Mode switch

Standard setting ex works.

FMBS12-230V

Wireless M-bus transmitter module with exchangeable antenna. With integrated power supply unit 36V DC, 60mA for up to 40 M-bus meters. Only 0.7 watt standby loss. If required, a wireless antenna FA250 can be connected.

Modular device for DIN-EN 60715 TH35 rail mounting. 2 module = 36mm wide, 58mm deep.

Supply voltage 230V.

Data from the M-Bus Meter for power, water or gas connected to terminals MB+ and MB- are only transmitted via the Mini USB interface or in addition as wireless telegrams, depending on the operating mode.

Set the operating mode using the rotary switch:

Pos. 2: Continuous bus scan based on device list and data output as ESP2 report via USB.

Pos. 3: Continuous bus scan based on device list and data output as ESP3 report via USB.

Pos. 4: Cyclical bus scan (factory setting 10 minutes) based on device list and data output as ESP3 report via USB.

Pos. 5: Same as Pos. 3 but with additional wireless output.

Pos. 6: Same as Pos. 4 but with additional wireless output.

Pos. 7: M-Bus 2400 Baud level converter. Access via the USB interface is possible using various M-Bus tools (e.g. M-Bus Sheet from Relay).

Pos. 8: Same as Pos. 7 but at 300 Baud.

Pos. 9: PCT14 communication.

Depending on the operating mode, data telegrams are either sent continuously or cyclically, not automatically when there is a change in meter reading or power.

A data telegram from each meter consists of the serial number, meter reading Tariff 1, meter reading Tariff 2 and power.

The **red LED** indicates Request mode by flashing briefly.

The **green LED** indicates Reply mode and data output by briefly flickering.

Error message:

The red LED flickers rapidly when a short circuit or overload occurs on the M-Bus.

Configure FMBS12:

The following points can be configured using the PC PCT14 tool:

■ Change base ID
■ Change Baud rate
■ Limit or raise number of device addresses
■ Change cycle time for bus scan
■ Edit device list
■ Select meter type (medium)

FMBS12-230V	Wireless M-bus transmitter module	EAN 4010312317310	**128,90 €/pc.**