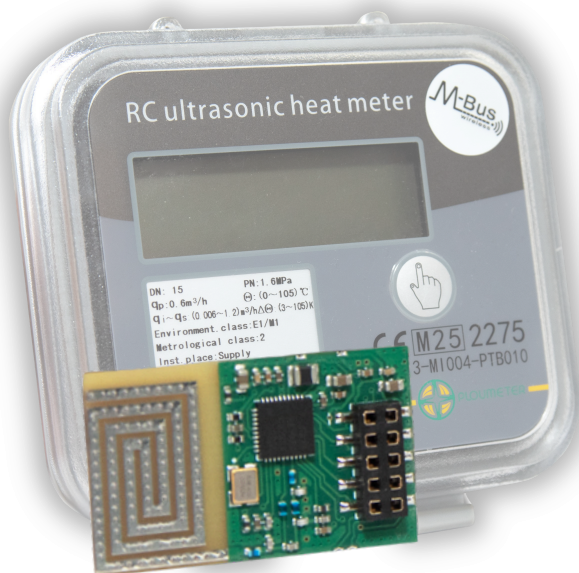


WMBus RC12

WMBUS WIRELESS RADIO MODULE FOR RC12 PLOUMETER HEAT METER



WMBus RC12 is a modern, compact radio module designed specifically to work with Ploumeters RC12 heat meter, enabling wireless transmission of heat or cooling consumption data and all alarms reported by the meter.

Thanks to its support for the open wireless MBus and OMS protocols, the device guarantees compatibility with a wide range of professional reading and energy management systems in buildings.

Convenient use and reliable operation are possible thanks to dedicated installation directly inside the heat meter using a dedicated connector, which eliminates the need for external radio transmitters.



KEY FEATURES:

- ✚ The WMBUS RC12 module was developed in close cooperation with the manufacturer of the RC12 heat meter. It is extremely easy to install and does not require any special tools or servicing.
- ✚ Plug and Play – the module is ready for operation immediately after installation on the connector and does not require configuration.
- ✚ Two-way radio communication allows for configuration and reading of the heat meter without the need for physical access to the device.

DATA TRANSMISSION MODES:

- ✚ short frame – current heat meter reading, reverse flow, supply and return temperature, alarms, radio serial number, date and time
- ✚ long frame – current heat meter reading, alarms, radio serial number, date and time, history (15 months) of heat meter readings at the end of each month and historical alarms
- ✚ long+ frame – data as for the short frame plus history (15 months) of heat meter readings at the end of each month and alarms

WMBus RC12

WMBUS WIRELESS RADIO MODULE FOR RC12 PLOUMETER HEAT METER

- 868 MHz bidirectional radio communication for reading and configuration
- Configurable data range: frames: short, long, long+
- Flexible transmission calendar with configurable transmission interval ranges
- Remote data reading in drive-by mode or in a stationary system
- Compact size, direct mounting on the meter, no cables

TECHNICAL SPECIFICATIONS	
Radio frequency/power	868 MHz/10 mW
Supported standards	W-Mbus EN13757-4, OMS
Transmitted data	short/long/long+ frame
Configuration	By radio (868 MHz) using the Range One reading device (Wireless M-Bus/Bluetooth receiver/transmitter) and the Route One mobile application
Radio signal range	100 m in open terrain
Power source	3.6V lithium battery powering the heat meter
Battery life	11 years*
Dimensions	23 mm / 47 mm / 5 mm
Protection rating inside the heat meter	IP65
Storage temperature	from -20°C to +65°C
Operating temperature	from 5°C to +55°C

* with the manufacturer's recommended settings.