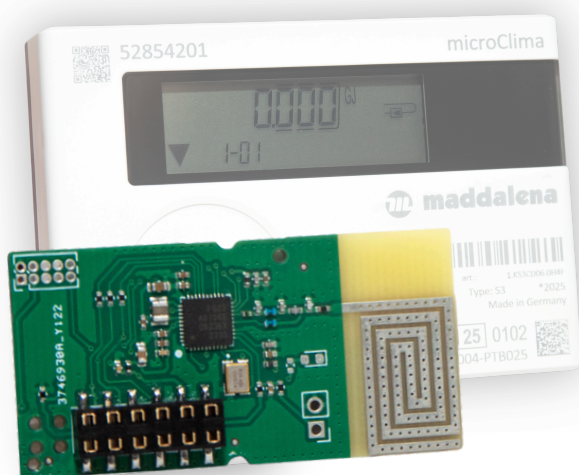


WMBus MicroClima

WMBUS WIRELESS RADIO MODULE
FOR MADDALENA MIROCLIMA HEAT METER






MicroClima WMBUS is a modern, compact radio module designed specifically to work with the MICROCLIMA EVO heat meter, enabling wireless transmission of heat consumption data and all alarms reported by the meter.

Thanks to its support for the open WMBus protocol (EN13757-4, OMS Ready), the device guarantees compatibility with a wide range of professional 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:

-  Plug and Play – the module is ready for operation immediately after installation on the connector, no configuration required
-  The transmitted data includes the current reading depending on the heat meter setting (heat/cooling), 15 months of reading history and current alarms
-  Two-way radio communication allows for configuration and reading of the heat meter without the need for physical access to the device

The WMBus MicroClima module is also compatible with the Senso Star heat meter from Engelmann. It is extremely easy to install and does not require any special tools or servicing.

MicroClima WMBus

WMBUS WIRELESS RADIO MODULE
FOR MADDALENA MIROCLIMA HEAT METER

- 868 MHz bidirectional radio communication for reading and configuration
- Flexible transmission calendar with configurable transmission interval ranges
- Ideal for remote data reading in drive-by mode or in a stationary system
- Compact size, direct installation in the heat meter

TECHNICAL SPECIFICATIONS	
Radio frequency / power	868 MHz/10 mW
Supported standards	W-Mbus EN13757-4, OMS
Transmitted data	Current energy consumption, flow, energy consumption history (15 monthly readings), current alarms
Configuration	Remote configuration of the transmission calendar, encryption on/off using the Range One reading device and the Route One application.
Radio signal range	300 m in open terrain
Power source	Heat meter battery
Battery life	10 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.