



# RFM-RPT3

## Wireless MBUS signal repeater

The signal repeater Wireless MBUS-RFM RPT3, is a device that allows to repeat, extending its coverage, the radio signal transmitted by the radio modules installed on water meters, heat meters and heat cost allocators, in accordance with the WMBUS standard.

The device can be set with a daily activities window, inside which it performs the repetition of WMBUS telegrams in accordance with the requirements of the EN 13757 standard. It then repeats the signals sent by the measuring devices excluding those already repeated and sent from other repeating devices (simple repeater with single-hop logic).

The same device can be set notwithstanding the standard, to enable the realisation of up to 3 levels repeating chains.



**3 HOP**  
FUNCTION

## TECHNICAL FEATURES

<b>Transmission frequency</b>	WMBus EN13757-4 @ 868 MHz (10 mW)
<b>Antenna</b>	Integrated, prepared for external antennas connection
<b>Signal coverage</b>	300 meters**
<b>Power supply</b>	Lithium battery 3.6V, 2x D size and prepared for mains supply with dedicated DC adapter
<b>Battery life</b>	5 years*
<b>Size (H x L x P)</b>	160 x 90 x 60 mm
<b>Weight</b>	420 g
<b>Configuration</b>	Wireless using RFM-RX2 and dedicated software
<b>Fixing mode</b>	Wall mounting
<b>Working temperature</b>	from +1°C to +55°C
<b>Protection class</b>	IP63

\* Battery life depends on the number of associated devices and the environmental conditions

\*\* Under ideal signal propagation conditions

# DESIGNING, PRODUCING AND DISTRIBUTING SOLUTIONS FOR OVER 25 YEARS

B METERS is an Italian company that has been designing, producing and distributing instruments and solutions for measuring the consumption of water and thermal energy used for heating and cooling, for over 25 years.

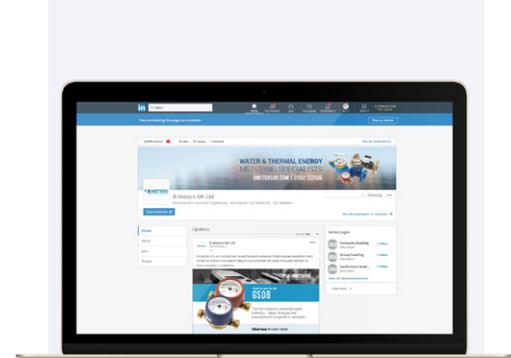
The yearly production currently exceeds 2M units, putting B METERS in a leading position both at national and European level.

The product range includes turbine (velocity) type single and multi-jet water meters with mechanical or magnetic transmission, Woltmann meters, irrigation meters, flow meters, thermal energy meters and heat cost allocators with direct reading, or complete with integrated modules for the remote transmission of the consumption data.



EN 1434

EN 834



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