

mod.

# RFM-RPT3

Wireless M-BUS concentrator

M-Bus

3HOP  
FUNCTION



## Description

The signal repeater wireless M-Bus-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 EN13757 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 realization of up to 3 levels repeating chains.

## Technical features

Radio Interface	W-Mbus EN13757-4 @868 MHz (10 mW)
Antenna	Integrated, prepared for external antennas connection
Signal coverage	300 m**
Power Supply	Lithium battery 3.6V, 2x D size and prepared for mains supply with dedicated DC adapter
Battery life	5 years*
Size (HxLxP) and weight	160x90x60 mm 420 g
Configuration	Wireless using RFM-RX2 and dedicated software
Fixing mode	Wall mounting
Working Temperature	from +1°C to +55°C
Protection class	IP63

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

\*\* Under ideal signal propagation conditions