

Wireless M-Bus / OMS Repeater

Features

- ◆ Mains power supplied
- ◆ Wall mounting
- ◆ Internal antenna
- ◆ Weight < 150g
- ◆ Ideal for Smart Metering
- ◆ Firmware update via NFC
- ◆ Parameter setting via NFC
- ◆ S-, C- and T-mode
- ◆ Easy mounting with mounting plate and clip-on-cover



Product description

The device serves as a repeater for any wM-Bus device according to EN 13757-4. With the help of the repeater, it is possible to increase the range of wM-Bus devices. The forwarding of the telegrams from devices (e.g. meters) takes place permanently, which means no caching takes place.

Telegrams with regard to the status of the repeater are sent within a settable time interval of 0 - 15 minutes. According to the OMS specification, only one hop is allowed between wM-Bus devices and a gateway. The repeater supports the modes S, T and C and can receive in one mode and forward in another mode.

The legally prescribed duty cycle in the 868 MHz frequency range is checked by the repeater and independently maintained. The number of wM-Bus devices and the transmission frequency per hour determines the Duty-Cycle. If it is exhausted, further telegrams received in this hour are rejected and not saved.

Android Application

The device is configured via NFC interface using an Android application.