

# MIVO CONNECT

## WIRELESS M-BUS EXTENDER

The expansion module adds the capability to communicate via wireless M-Bus to the system.

The system can easily be expanded using the included expansion cable and connected to up to 10 expansion units for M-Bus.

For optimal range, the receiver is equipped with built-in filters and a low-noise amplifier, enabling extended range regardless of other 4G or 5G infrastructure.



## TECHNICAL SPECIFICATION

### Mechanics

Dimensions (wxhxd)

Montage

Weight

70 x 85 x 57 mm (4 DIN-modul)

35mm DIN

100g

### Environmental

Storage temperature

Operating temperature

Operating humidity

Max.operating altitude

Pollution degree

Operating environment

-25 to +55C

-25 to +55 C

5 to 90% non-condensing

2000m

2

Indoors

### Power

Input voltage

Power consumption (max)

Overvoltage category

Connection terminals

Via expansion port

<5W (20W)

CAT 3 (OVC III)

Spring loaded terminals 0.75 - 1.5mm<sup>2</sup>

### Wireless M-Bus

Standard

Mode

Sensitivity (typ)

Encryption modes

Connection

EN 13757

C&T or S Mode

-109dBm

OMS Mode 5 & 7, AES-128CTR

SMA female connector

### Other

LED

Maximum number of expansion modules

Status, Error, TX, RX

10

### Approvals

EMC

Safety

Environment

EN 61000-6-2, EN 61000-6-3

EN 62368-1 (OVC III)

RoHS, WEEE