

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 × 85 × 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 - 1.5mm²

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