

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)	70 × 85 × 57 mm (4 DIN-modul)
Montage	35mm DIN
Weight	100g

Environmental

Storage temperature	-25 to +55C
Operating temperature	-25 to +55 C
Operating humidity	5 to 90% non-condensing
Max.operating altitude	2000m
Pollution degree	2
Operating environment	Indoors

Power

Input voltage	Via expansion port
Power consumption (max)	<5W (20W)
Overvoltage category	CAT 3 (OVC III)
Connection terminals	Spring loaded terminals 0.75 - 1.5mm ²

Wireless M-Bus

Standard	EN 13757
Mode	C&T or S Mode
Sensitivity (typ)	-109dBm
Encryption modes	OVS Mode 5 & 7, AES-128CTR
Connection	SMA female connector

Other

LED	Status, Error, TX, RX
Maximum number of expansion modules	10

Approvals

EMC	EN 61000-6-2, EN 61000-6-3
RED	EN 301489-1, EN 301489-7
Safety	EN 62368-1 (OVC III)
Environment	RoHS, WEEE