



# M-Bus/M-Bus - M-Bus

GWFcoder®-Interface



## Your benefits

- Interface splitter:  
**Multiple utilisation of meter data**
- Supply voltage via M-Bus:  
**No additional mains adapter required**
- Clearly marked connection terminals:  
**Easy on-site installation**

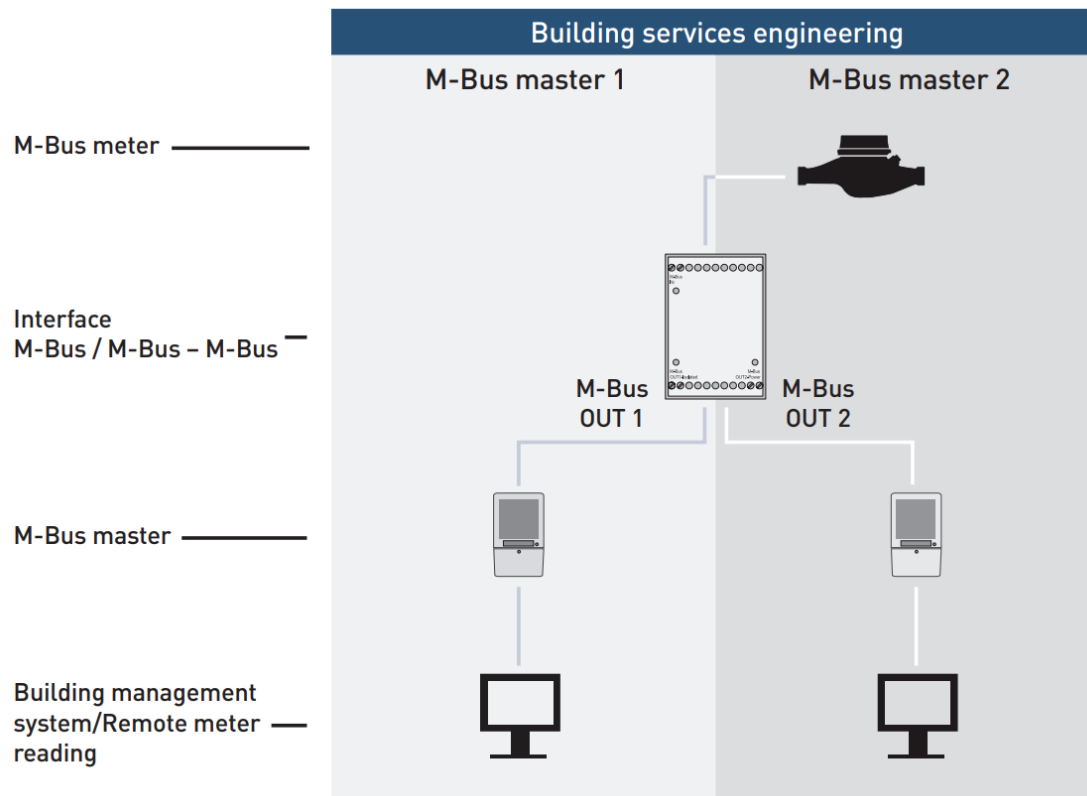
## Applications

- With this interface two different management systems in a building can read out an M-Bus meter for energy optimisation simultaneously and independently
- Using the interface, previously installed M-Bus meters (GWFcoder® from version 5.0 and higher) can be connected to an additional management system of the building services engineering or the tenant

## Properties

- Meter reading via the primary or secondary address<sup>1)</sup>
- Various possible parameter settings for baud rates
- One M-Bus/M-Bus - M-Bus interface is required for each GWFcoder® meter
- DIN rail or wall mounted
- With this interface one M-Bus meter can be integrated into two independent M-Bus networks simultaneously and read out separately. The interface automatically reads out the connected M-Bus meter at specified intervals and saves the current data set in the internal memory. If a readout occurs, the data is immediately available and transferred to the building management systems.

# Components



# Technical Data

## Data transfer M-Bus

Baud rate M-Bus OUT 1 / OUT 2	2400 baud (default) or 300 baud
Primary address M-Bus	1–250
Secondary address <sup>1)</sup>	Meter number (eight digits)

## M-Bus unit load

M-Bus OUT 1	1 M-Bus unit load (1,5 mA - supply)
M-Bus OUT 2	4 M-Bus unit loads (6 mA - supply)

## Connectable meters

1 meter with max. 2 M-Bus unit loads (3 mA)

## Installation

The interface can be installed at the M-Bus master or the meter.

## Max. cable length

M-Bus connection cable	Network-dependent
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## Dimensions and weights

Dimensions	75 x 55 x 110 mm
Weight	app. 100 g

## Application area

Temperature	0 to + 50 °C
Protection class	IP40

## Interfaces

M-Bus according to EN 13757 (supports REQ\_UD2, SND\_NKE)

## Connection and signal transfer / Interface

M-Bus OUT 1	M-Bus master according to EN 13757 building management system. After Power «ON», the interface requires app. 2 min before it is ready for operation.
M-Bus OUT 2	M-Bus master according to EN 13757 building management system. After Power «ON», the interface requires app. 2 min before it is ready for operation.
M-Bus IN	M-Bus meter Meter reading possible via the primary or secondary address <sup>1)</sup>

<sup>1)</sup> Firmware version 2B and higher

