

- Profinet + M-Bus Inside
- 25-2.500 datapoints
- Autoconfig for M-Bus
- Webinterface
- real time clock
- Upgradeable
- Dropbox (Option)
- ARM9 Processor



## PROFINET + M-BUS

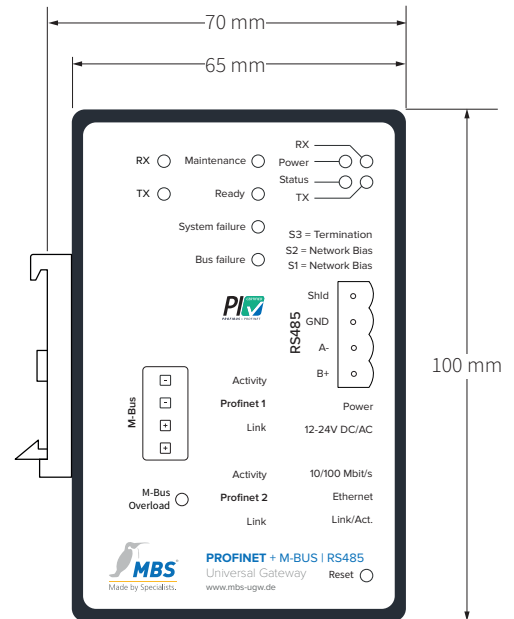
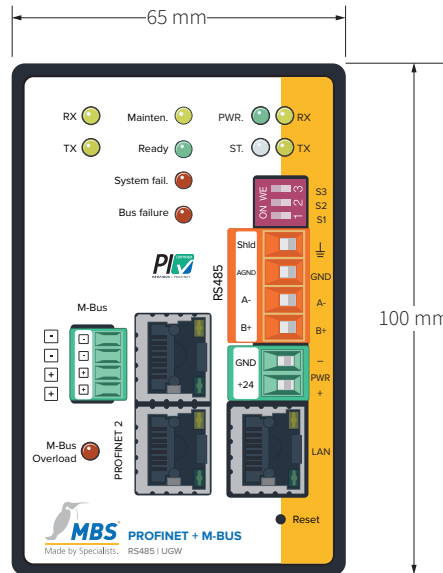
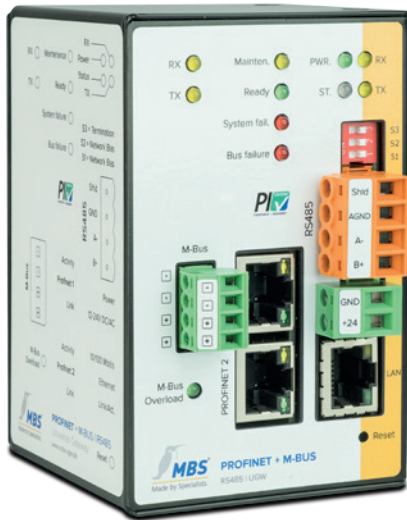
Increase productivity and reduce costs

The MBS gateways are based on the same product platform and therefore offer an extraordinary degree of versatility and flexibility: new gateway purchases are rendered unnecessary because the devices' adaptability means new functionalities can simply be activated. The integrated M-Bus-adapter make the usual external bus couplers unnecessary, reducing the amount of wiring required and enabling faster connection to serial or network-based communication protocols. The integrated M-Bus driver allows you to automatically scan the M-Bus counters - autoconfig for BACnet, PROFINET and Modbus.

# Triple-X | Universal Gateway

## PROFINET + M-Bus

### Specifications\*



#### Standard

##### LAN

RJ45: 10/100 MBit Ethernet  
Link: indicates a LAN connection  
10/100: Indicates the connection speed

##### PWR - Power

Power supply  
V+: +12 to +24V DC or 12 to 24V AC  
V-: GND or 12 to 24V AC

##### LED

Power: Illuminated as soon as the device is connected to a suitable operating power supply  
ST.: Multicolor status LED  
RX: Flashes when the device is receiving data  
TX: Flashes when the device is sending data

#### VERSION RS232

##### COM1

RS232  
TXD: Sending line  
RXD: Receiving line  
GND: Ground connection  
Shld: Shielding

##### DIP-switch

1: Not used  
2: Not used  
3: Not used

#### VERSION RS485

##### COM1

RS485  
B+: Non-inverted input  
A-: Inverted input  
GND  
Shld: shielding

##### DIP-switch

Bias: voltage  
Bias: voltage  
120 Ohm: Termination resistance

#### PROFINET

##### Profinet 1

Profinet Version 2.3 RT, IRT | Activity | Link

##### Profinet 2

Profinet Version 2.3 RT, IRT | Activity | Link

##### LED

Profinet Maintenance, configuration  
Profinet Ready  
Profinet System error  
Profinet bus error

#### M-Bus

##### M-Bus

+ M-Bus Connection  
+ M-Bus Connection  
- M-Bus Connection  
- M-Bus Connection

##### Integrated M-Bus level converter

For up to 30 standard loads max. 1.5mA, Master mode

##### LED

M-Bus RX  
M-Bus TX  
M-Bus Overload

#### Specification

Power consumption: 5.5 watts  
Weight: 400 Gramm  
Dimensions: Height: 100mm, Width: 65 mm, Depth: 70mm (inclusive DIN-Top-hat rail adapter)  
Ambient temperature: 0...45°C, 32...113°F  
Ambient humidity: 20...80 percent relative humidity, non-condensing  
Assembly: DIN top-hat rail TS35 in accordance with EN 60715

We offer the PROFINET + M-Bus Gateway with 25, 200, 500, 1.000 oder 2.500 data points. Please select your universal gateway!

\*This product is CE certified  
\*Specifications subject to change