



# SOLVIMUS

METERING SOLUTIONS

## DATA SHEET MBUS-PU3

Version 1

Page 1/2

### 1. Product

MBUS-PU3, Art. No. 500358



### 2. Application

Level converter for the direct connection of meters to a meter data management system (meter readout system) via USB

### 3. Interfaces

#### M-Bus

Compliant to EN 13757-2 (all M-Bus meters are compatible), max. number of unit loads (UL): 3, baud rate: max. 9600 bps, spring terminal

#### USB

USB connector type A

### 4. LED indicators

Status LEDs signalling sending and receiving on the M-Bus as well as power supply

### 5. General properties

- Dimensions: 19 x 12 x 80 mm (W x H x D)
- Installation: directly on PC or mobile device
- Mass: 15 g

- Requires an appropriate USB COM port driver (e. g. CP210x Universal Windows Driver) in the host system.
- An external software (not included) is required to access the data of the M-Bus participants.

### 6. Power supply

- 4.75..5.25 VDC, USB connector type A, peak inrush-current <500 mA
- Power consumption: <0.1 W (idle state), max. 0.5 W

### 7. Environmental conditions

- Operation: 0..50 °C (daily average), -20..70 °C (short-time)
- Air humidity: 0..95 %, non-condensing

### 8. Conformity and safety

- 2014/30/EU EMV Directive
- 2014/35/EU Low Voltage Directive
- 2011/65/EU RoHS Directive (incl. amendment 2015/863)
- Overvoltage protection (transient)
- Degree of protection IP30 (IEC 60529)

### 9. Scope of delivery

- MBUS-PU3
- Quick Start Guide (print, in the packaging)
- Individual packaging with solvimus logo
- Dimensions: 115 x 29 x 54 mm (W x H x D)

### 10. Contact

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## DATA SHEET MBUS-PU3

Version 1

Page 2/2

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### Sales:

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### Support:

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E-Mail: [support@solvimus.de](mailto:support@solvimus.de)

Further contacts can be found on our website at:  
<https://www.solvimus.de/en/company/solvimus/>

A comprehensive description of the device is provided in the manual that can be downloaded free of charge and without registration from our homepage:

<https://www.solvimus.de/en/products/downloads-2/>.

Our Quick Start Guide is also available upon request.

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