



DATA SHEET MBUS-PU3

Version 1

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1. Product

MBUS-PU3, Order Nr. 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
- Power consumption: <0.1 W (idle state), max. 0.5 W

7. Environmental conditions

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

8. Conformity and safety

- 2014/30/EU EMC Directive
- 2011/65/EU RoHS Directive (incl. amendment 2015/863)
- 1907/2006/EC REACH Regulation (Annex XVII April 28 2020)
- Overvoltage protection (transient)
- Protection class III (IEC 61140)
- Degree of protection IP20 (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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SOLVIMUS

METERING SOLUTIONS

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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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