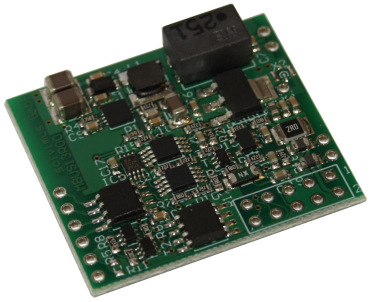
SOLVIMUS
METERING SOLUTIONS

DATA SHEET MBUS-M13

1. Product

MBUS-M13, Order Nr. 500325



2. Application

Level converter in form of an OEM-module for integration in existing hardware for the direct connection of meters to a meter data management system (meter readout system) via UART

3. Interfaces

M-Bus

Compliant to EN 13757-2 (all M-Bus meters are compatible), max. number of unit loads (UL): 60, baud rate: max. 19200 bps

UART

Galvanically isolated UART (TTL levels), baud rate: max. 19200 bps

4. General properties

Dimensions: 30 x 6.5 x 33 mm (W x H x D)

5. Power supply

- Bus side: 21.6..24.5 VDC
- Logic side: 3..5 VDC
- Power consumption: <0.7 W (idle state), max. 4 W
- Peak inrush-current: approx. 3 A

6. Environmental conditions

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

7. 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)

8. Scope of delivery

- MBUS-M13
- Collective packaging with solvimus logo for 126 modules
- Dimensions: 400 x 65 x 29 mm (W x H x D)

9. Contact

solvimus GmbH
Ratsteichstr. 5
98693 Ilmenau
Germany
Phone: +49 3677 7613060
E-Mail: info@solvimus.de
www.solvimus.de

Sales:

Phone: +49 3677 7613066
E-Mail: sales@solvimus.de

Support:

Phone: +49 3677 7613065
E-Mail: 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/.