



## Anybus B1 Repeater

The PROFIBUS DP B1 Repeater tackles the technical limitations of existing PROFIBUS repeaters. It has the following unique features:

- Guarantees conveniently arranged networks
- Compact design
- Cost saving



- Suitable for all DP cables
- Low power consumption
- Redundant power supply
- No address required
- No limit in cascading
- Short circuit protection on each segment
- Integrated termination (switches)
- Removable screw terminals and a DB9 connector
- Monitoring port on outgoing segment

The advanced 12 Mbps core of the B1 is comparable to the ProfiHub: it can be cascaded without limitations and has increased RS 485 strength. Furthermore, every channel has on-board switchable termination and is able to drive 31 devices. The removable screw terminals of the PROFIBUS interface are pinned-out in a way that reversed mounting of the repeater does not impact existing wiring. A DB9 connector is provided to connect diagnostic tools. The redundant power supply increases reliability of the application.

This compact and easy to use network component complies with the requirements of the demanding modern industry to increase the PROFIBUS cable length and amount of connected devices.

- Operating voltage: 24 VDC
- Absolute max. rated voltage: 19 ... 28 VDC
- Nominal power use: 1 W
- Input current(24VDC): 43 mA
- Dimensions (LxWxH): 106 x 55 x 37 mm (excluding plug-able connectors)
- Weight: 126 grams (excluding plug-able connectors)
- 2 galvanically isolated channels

File	Version	Size	Read online
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**Order Code** 101-00201A

**Warranty** 1 year

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