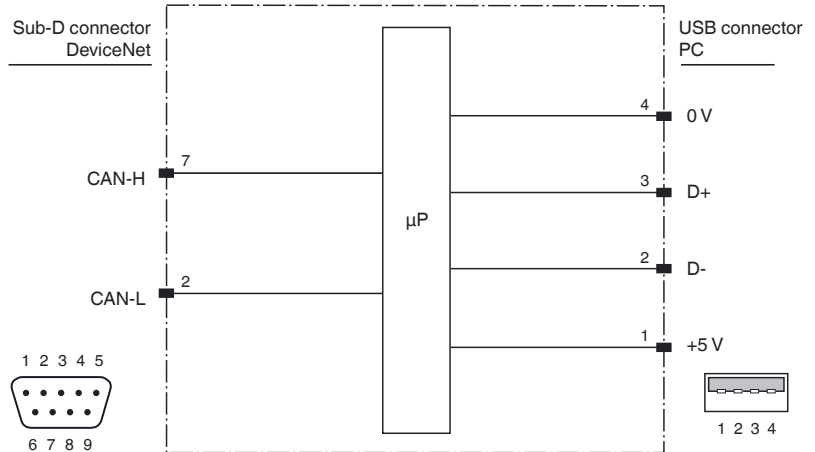




Electrical connection



Model number

VAZ-DN-SIM-USB
DeviceNet master simulator

Features

- The DeviceNet master simulator is a simple universal tool for data exchange with DeviceNet slaves
- Complete solution with hardware (UART) and software

Technical data

Electrical specifications

Rated operating current	I_e	≤ 60 mA
Power supply		draws its 5 V power from USB of the PC

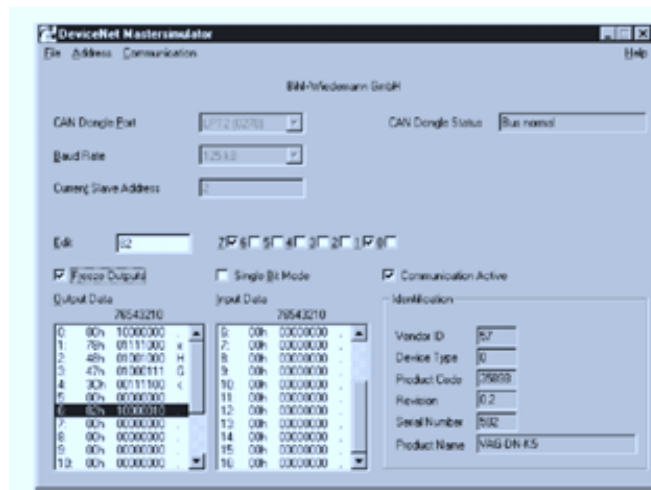
Interface

Interface type	USB-PC-interface (USB-connector Serie A) DeviceNet-interface with 9-pin sub-D connector (male)
Transfer rate	125, 250, and 500 kBit/s
Cable length	max. 2 m

Ambient conditions

Ambient temperature	0 ... 55 °C (32 ... 131 °F)
Storage temperature	-25 ... 70 °C (-13 ... 158 °F)

Notes



The DeviceNet master simulator is a simple universal tool for data exchange with DeviceNet slaves of almost all manufacturers. Without any additional inputs or additional files, the input data can be read and the output data can be written, and diagnostic functions can be displayed. In addition, the DeviceNet master simulator can of course read and write

attributes. Moreover, there is also the possibility to search a complete DeviceNet branch for subscribers connected.

The addresses and the Baud rate of the DeviceNet slaves can also be set. The E/A data are displayed hexadecimally as well as in binary mode

In single bit mode, it is possible to keep the outputs set for as long as the mouse key is pressed. The device identification is read out from the DeviceNet slave and is displayed with the I/O data.

The scope of delivery of the DeviceNet master simulator comprises the DeviceNet dongle. The DeviceNet dongle is the ideal interface converter between a USB port (the parallel interface of the PCs) and DeviceNet. The dongle is very compact and is provided with energy by the USB (from the keyboard interface of the PC). For this reason, it is highly suitable for mobile use on a laptop computer or notebook.

The requirements are an 80486 processor PC or higher; all Microsoft Windows versions are supported. The scope of delivery comprises the DeviceNet Master Simulator software.

Note:

A terminator (120 Ohm) has to be connected to the end of the DeviceNet line.

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