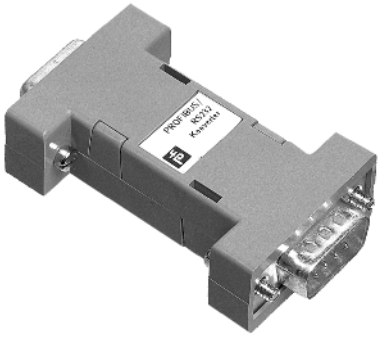
PROFIBUS-DP Master Simulator



Model Number

VAZ-PB-SIM

PROFIBUS-DP Master Simulator

Features

- Performs network "who"
- Exchanges I/O data with or without GSD file
- Shipment includes software, cable and converter (UART)

Description

The PROFIBUS DP Master Simulator is an easy to use software for diagnosis and I/O data exchange with PROFIBUS DP. The simulator can browse the PROFIBUS DP network and report all connected slaves. Any of the connected slaves can then be selected for I/O data exchange without using a GSD file. Input data can be read, output data can be written and the PROFIBUS DP diagnostic data can be displayed. The PROFIBUS DP Master Simulator can also use GSD-files to establish connection to a slave, modify user parameters and store the configuration. The PROFIBUS station address can be changed with the simulator which is helpful when using IP67 PROFIBUS modules without addressing switches.

The I/O data and the PROFIBUS user diagnostics can be displayed in binary, hexadecimal and ASCII. In type mode it is possible to set an output as long as the mouse button is pressed. It is also possible to write the PROFIBUS output data with consistency.

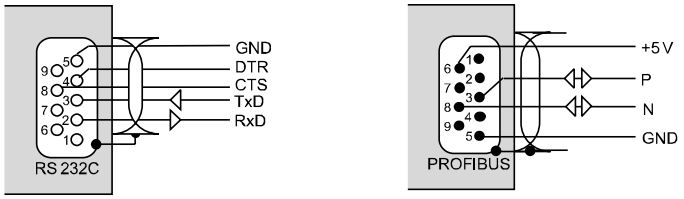
The PROFIBUS DP Master Simulator supports PROFIBUS DP V1which enables slaves to be operated in the acyclic mode DP V1. This is helpful during the setup of complex field devices like drives, modular I/O systems, etc.

The PROFIBUS DP Master Simulator consists of the software and a PROFIBUS UART. The PROFIBUS UART is the interface between the RS232 serial port of the PC and PROFIBUS DP. The UART is completely powered from the serial port on the PC, so it is well suited for work in the field using a laptop or a notebook.

Technical Data

Model Number	VAZ-PB-SIM
Connections	
PC	9-pin D-sub female
PROFIBUS-DP	9-pin D-sub male
Operating voltage V_B	from PROFIBUS-DP, 5 VDC
Operating current I_e	≤ 60 mA
Requirements	IBM compatible PC, 80386 or higher
Operating system	MS Windows 3.1x, 95/98 or NT
Software	PROFIBUS-DP Master Simulator
Baud rate	19.2 kbps
Operating temperature t_b	0 to +55°C (+32 to +122°F)
Storage temperature t_l	-25 to +70°C (-13 to +158°F)
Dimensions L, W, H	64 mm x 34 mm x 17 mm

Connection



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