

# Master Simulators

These simulators can emulate or convert a network like DeviceNet, PROFIBUS, or RS-485 for easy connection to your PC. These devices can be useful when trying to see how the I/O is mapped or exchanged on the network or as a simple diagnostic tool to make sure the upper level bus connection on the gateway is still functioning. These can be used with any PROFIBUS, DeviceNet or RS-485 device like RFID controllers, I/O modules, network couplers, encoders or any device that can connect to the network. The DeviceNet and PROFIBUS simulators also come with a simple software package and convenient drivers for use with a PC. If using AS-Interface gateways, Control Tools software must also be purchased separately.

### DeviceNet Specifications

<b>OPERATING CURRENT</b>	< 60 mA
<b>POWER SUPPLY</b>	5 V from USB
<b>MAX CABLE LENGTH</b>	< 2 m DeviceNet
<b>DEVICENET CONNECTOR</b>	9-pin D-sub connector
<b>BAUD RATES SUPPORTED</b>	125, 250, or 500 kbps
<b>TEMPERATURE RANGE</b>	<i>Working</i> +32 °F to +131 °F (0 °C to +55 °C) <i>Storage</i> -13 °F to +158 °F (-25 °C to +70 °C)

### PROFIBUS Specifications

<b>OPERATING CURRENT</b>	< 60 mA
<b>POWER SUPPLY</b>	5 V from RS-232 port
<b>MAX CABLE LENGTH</b>	2 m RS-232, 2 m PROFIBUS
<b>DEVICENET CONNECTOR</b>	9-pin D-sub connector
<b>BAUD RATES SUPPORTED</b>	19200 bps
<b>TEMPERATURE RANGE</b>	<i>Working</i> +32 °F to +131 °F (0 °C to +55 °C) <i>Storage</i> -13 °F to +158 °F (-25 °C to +70 °C)

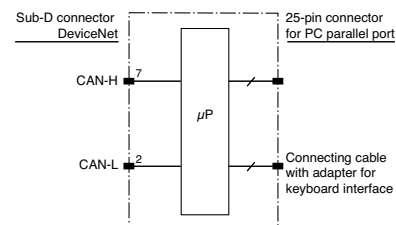
### RS-485 Specifications

<b>OPERATING CURRENT</b>	< 60 mA
<b>POWER SUPPLY</b>	5 V from RS-232 port
<b>MAX CABLE LENGTH</b>	2m RS-232, 2m RS-485
<b>DEVICENET CONNECTOR</b>	9-pin DSUB connector
<b>BAUD RATES SUPPORTED</b>	up to 57600 bps
<b>TEMPERATURE RANGE</b>	<i>Working</i> +32 °F to +131 °F (0 °C to +55 °C) <i>Storage</i> -13 °F to +158 °F (-25 °C to +70 °C)

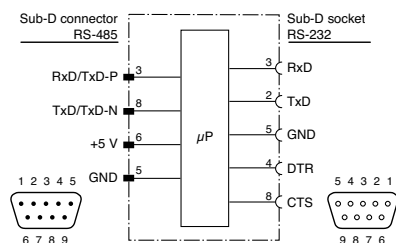
Model	Description
<b>VAZ-DN-SIM-USB</b>	DeviceNet to USB converter, connects any DeviceNet slave to a PC, simulator software included
<b>VAZ-PB-SIM</b>	PROFIBUS to RS-232 converter, connects any PROFIBUS slave to a PC, simulator software included
<b>VAZ-R4-R2</b>	RS-485 to RS-232 converter, connects any RS-485 device to a PC

⚡ Stocked item  
Consult factory for all other models

### VAZ-DN-SIM-USB



### VAZ-PB-SIM



### VAZ-R4-R2

