Electrical connection

Technical data

Electrical specifications

Power supply	draws its power supply from RS 232 interface of the PC Pin 4 (DTR) must be permanently high.

Interface

Interface type	Standard PC RS 232 interface with 9-pin D-SUB connector (female) RS 485 interface with 9-pin D-SUB connector (male)
Transfer rate	up to 57600 Bit/s
Cable length	for RS 232 and RS 485 each max. 2 m

Ambient conditions

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

Mechanical specifications

Connection	RS 232 , RS 485
Dimensions	63, 54, 17 mm (L, W, H)

Notes

The interface converter VAZ-R4-R2 is the ideal interface converter between the RS 232C interface of the PC and the RS 485 interface of the AS-Interface Gateway.

The converter requires no additional external power supply. For this reason, it is highly suitable for mobile use on a laptop computer or notebook.

The RS 232C/RS 485 converter is simply plugged between the AS-Interface Gateway and the RS 232 connection cable. Only one device with an RS 485 interface can be connected up to the interface converter.

The RS 232C/RS 485 converter can be used on various operating systems. By means of the AS-i Control Tools for Windows an AS-Interface Master with an RS 485 interface can be operated as well as an AS-Interface Master with an RS 232 interface. The RS 232C/RS 485 converter supports all transmission rates up to 57600 Bit/s.

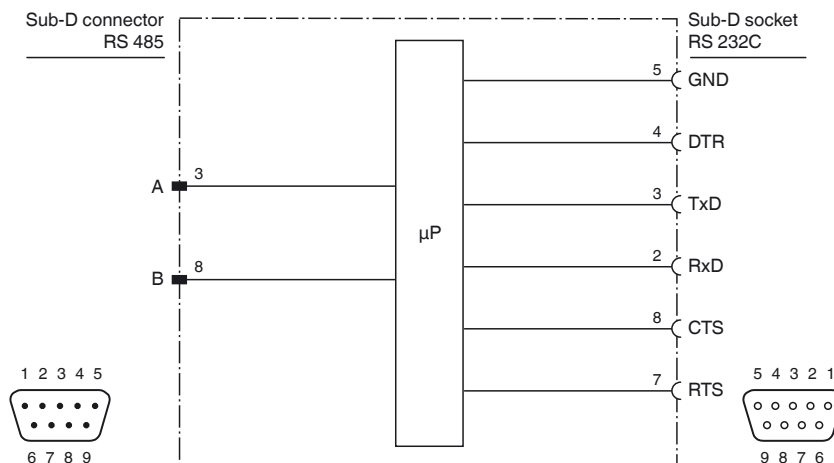## Model number

VAZ-R4-R2

RS 232C/RS 485 converter

Features

- Direct connection to a PC (RS 232)
- Point to point connection only

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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