Isolator USB 2.0 Type-A to RS-232 D-Sub 9 male galvanic isolation 2.5 kV 2m

Description

This USB Type-A to serial RS-232 adapter by Delock provides a compatible RS-232 DB9 interface for printers, measuring instruments, controllers, IoT devices etc.

Galvanic isolation

The USB 2.0 to serial RS-232 adapter completely decouples the USB and RS-232 connection and the USB power supply. This ensures data transmission at different ground potentials, separates any ground and hum loops that occur, and prevents interruptions caused by electromagnetic discharges or over voltages.

Ferrite cores

Two ferrite cores on the USB 2.0 cable filter high-frequency interference signals.



Item no. 64154

EAN: 4043619641543

Country of origin: Taiwan, Republic of China

Package: White Box

Technical details

- Connectors:
  1 x USB 2.0 Type-A male
  1 x serial RS-232 DB9 male with nuts
- 2.5 kV VRMS (max. 3.5 kV) galvanic isolation
- USB bus powered
- Chipset: FTDI FT231XS
- Compatible with USB 3.0, USB 2.0, and USB 1.1
- Data transfer rate up to 921.6 Kbps
- FIFO: 512 Byte - RX
- FIFO: 512 Byte - TX
- Databits: 7, 8
- Stop bits: 1, 2
- Parity: even, odd, none, mark, space
- Signals: TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND
- 2 x ferrite core
  Impedance: 25 MHz / 60 Ω,100 MHz / 111 Ω
- 3 x LED indicator
- Housing: plastic
- Operating temperature: -40 °C ~ 85 °C
- Cable length without connectors: ca. 2 m

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System requirements

- Linux Kernel 3.3 or above
- Mac OS 12.4 or above
- Windows 8.1/8.1-64/10/10-64/11
- PC or laptop with a free USB Type-A port

Package content

- USB 2.0 to 1 x serial adapter
- User manual

Images







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General

Function:	Plug & Play
Specification:	RS-232 (EIA / TIA) USB 2.0
Supported operating system:	Linux Kernel 3.3 or above Windows 10 32-Bit Windows 10 64-Bit Windows 8.1 32-Bit Windows 8.1 64-Bit Windows 11 Mac OS 12.4 oder höher
LED indicator:	3 x PWR / RXD / TXD
Protection:	ESD (Electrostatic Discharge) Galvanische Trennung

Interface

Connector 1:	1 x USB 2.0 Type-A male
Connector 2:	1 x serial Sub-D 9 male with nuts

Technical characteristics

Chipset:	FTDI FT231XS
Data transfer rate:	921.6 Kbps
FIFO:	512 Byte

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Converter type:	active
Signal transmission:	TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND
Data transmission:	asynchronous full duplex Half duplex Bidirectional
Voltage supply:	USB bus powered
UART:	USB to serial UART

Physical characteristics

Connector color:	black
Ferrite core:	2 x
Cable colour:	black
Cable length:	2 m
Pin finishing:	gold-plated
Screw type:	#4-40 UNC
Shielding:	shielded
LED colour:	red

Manufacturer information

Street	Beeskowdamm 13/15

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