

Data sheet:

RS232 isolator, 1 kV



Article no.: 88001

EUR 88.00

*Net price for commercial users

Serial data connection galvanically isolated

The Isolator in the compact dongle housing provides galvanic isolation between two RS232 devices with an isolation voltage of min. 1kV DC by being simply looped into the data line.

Properties

Interfaces:

- **2x RS232 ports**
 - 25-pin SUB-D plug, DCE assignment
 - 25-pin SUB-D socket, DTE assignment
- **Galvanic isolation between the ports**
 - Isolation voltage 1kV DC

Management and Connectivity:

- **Secure RS232 transmission over medium distances**
- **Simple to use, true plug-and-play**
- **No re-configuration of transmission parameters required**

Power supply:

- **No additional power source required**

Standards & more

- **Conforms to standards both in office and industrial environments:**
 - High noise resistance per EN 61000-6-2
 - Low noise emission per EN 55032:2015 + A1 Cl. B, EN 61000-3-2 & EN 61000-3-3
- **5 year guarantee**

♥ Wish for something!
Your suggestions for improvement and additions

Worth knowing

Elimination of interference:

The use of isolators in data lines eliminates the effects of interference to which the PC is otherwise subjected through its data cables (ground loops, antenna effects, potential differences), remote lightning strikes).

Electrical isolators are not to be confused with surge protectors that are often incorrectly marketed for the same purpose: Surge protectors have no effect on equalizing currents that exist between the connected devices due to the potential differences, and they cannot prevent damage to interface components by such currents.

Technical data

Connections and displays:

Serial Port A:	RS232 Interface 25-pin SUB-D adapter, DCE assignment
Serial Port B:	RS232 Interface 25-pin SUB-D socket, DTE assignment
Baud rate:	300..19,200 baud
Data format:	any format
Galvanic isolation:	min. 1kV DC
Supported signals:	RxD, TxD
Supply voltage:	through the RS232 signals
Required static current:	approx. 2 mA @ 8V

Housing and other data:

Housing:	Plastic small housing 63 x 54 x 16 mm (L x W x H)
Weight:	approx. 50g
Ambient temperature:	Storage: -40..+70°C Operation: 0..+50°C
Relative humidity:	5..95% RH (non-condensing)
Scope of delivery:	RS232 isolator, 1 kV 25-pin Gender Changer female/female

Accessories

*Net unit price for
commercial users

Cable and Connector Accessories

9-pin adapter set for isolators 11573 optional

* Our offering is intended only for commercial users. We will be happy to refer private end customers to trading partners through whom our products can be purchased.



We are available to you in person:

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