Delock Converter 1 x Serial RS-232 DB9 female to 1 x Serial TTL / CMOS 5 V DB9 male with ESD protection 3 kV and extended temperature range

Description

This RS-232 serial to TTL / CMOS converter by Delock converts RS-232 signals to compatible TTL / CMOS 5 V levels and is suitable for connection to industrial controls, level shifter, microcontrollers etc. The converter can be screwed directly between two DB9 connectors without an additional power supply.

Item no. 87687

EAN: 4043619876877

Country of origin: China

Package: Box

Technical details

- Connectors:
    1 x serial RS-232 DB9 female with screws
    1 x serial TTL / CMOS DB9 male with nuts
- Auto data flow control
- Plug & Play
- Data transfer: asynchronous, full duplex
- Data transfer rate: 300 bps - 115.2 Kbps
- ±3 kV ESD protection for all serial signals
- Housing material: plastic
- Colour: black
- Operating temperature: -40 °C ~ 85 °C
- Relative humidity: 5 - 95 % (non condensing)
- Dimensions (LxWxH): ca. 63 x 34 x 18 mm
- Bus Power from RS-232: TXD, RTS or DTR
- No external power supply needed

System requirements

• Device with a free RS-232 port

Package content

• Converter RS-232 to TTL / CMOS

Images

87687	DB9 Buchse/Female	DB9 Stecker/Male
PIN	RS-232	TTL (5 V)
1	DCD (Data Carrier Detect)	RXD (Receive Data)
2	TXD (Transmit Data)	TXD (Transmit Data)
3	RXD (Receive Data)	NC
4	DTR (Data Terminal Ready)	NC
5	Signal GND (SG)	Signal GND (SG)
6	DSR (Data Set Ready)	Optional 5 V
7	RTS (Request to Send)	NC
8	CTS (Clear to Send)	NC
9	RI (Ring)	NC

General

Function:	Plug & Play
Specification:	TTL/CMOS RS-232 (EIA / TIA)
Supported operating system:	OS independent, no driver installation necessary

Interface

Connector 1:	1 x serial RS-232 DB9 female
Connector 2:	1 x serial TTL / CMOS DB9 male

Technical characteristics

Data transfer rate:	300 bps - 115.2 Kbps
Operating temperature:	-40 °C ~ 85 °C
Humidity:	5 ~ 95 %
Data transmission:	asynchronous full duplex
Voltage:	No external power supply needed RS-232 Bus Power TXD, RTS or DTR

Physical characteristics

Housing colour:	black
Housing material:	Plastic
Pin finishing:	gold-plated
Screw type:	#4-40 UNC
Depth:	18 mm
Width:	34 mm
Height:	63 mm