

Data sheet:

USB <> 20mA interface Industry



Article no.: 34201

This article has been replaced by the successor model [Interface USB <> 20mA Industry, Bus Powered](#).

Contact	
Manual	
Drivers	
Tools	

Connection of passive 20mA devices to a PC

Properties

General information

- Industry-compatible design on account of
 - noise immunity in accordance with EN 61000-6-2
 - Galvanic isolation with an insulation voltage of min. 1 kV
 - Broad supply voltage range of 12 ... 24 V AC / DC
 - Housing for top-hat-rail installation
- Shipped optionally with or without power supply:
Please order power supplies as separate accessories.
- USB 2.0 Full Speed Device (12 Mbit/s)
- Addressable as virtual COM interface under
Windows 98 / Me / 2000 / XP / Server 2003 / Vista / Server 2008 (x86 and x64)
- Supports Mac OS 8, OS 9 and OS X
- Direct Linux support without additional driver from kernel version 2.4.0
- Active/passive mode for transmission and reception loop, individually adjustable
- [Conforms to standards](#) both in office and industrial environments:
 - Increased noise immunity for industrial areas
 - Stricter noise emission for residential and commercial areas

Technical data

USB-UART:	FTDI FT232BM
Operating modes:	active or passive mode
Baud rate:	Standard baud rates: 300..19,200 baud
Data format:	Data bits: 7,8 Stop bits: 1,2 Parity: odd, even, no, mark, space
Signal lines:	RxD+/-, TxD+/-
USB connection:	"B"-type plug connector
20mA adapter:	9-pin SUB-D adapter
Galvanic isolation:	Isolation voltage min. 1 KV DC between all terminals
Power supply:	12..24V DC/AC
Current consumption:	approx. 175 mA at 12V DC
Supply voltage connection:	Plug-in screw terminal, 5.08mm spacing Labeled "L+" and "M"
Ambient temperature:	Storage: -40..+70°C Operating in non-rowed installation: 0..+60°C Operating in rowed installation 0..+50°C
Permissible relative humidity:	0..95% RH (non-condensing)
Housing:	Plastic compact housing, 105x75x22mm
Weight:	approx. 100 g

Scope of delivery: 1x interface, USB <> 20 mA industry
1x USB cable with ferrite bead
1x product CD with driver and manual



We are available to you in person:

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