INLINE® USB TO SERIAL RS232 CONVERTER

USB-A to 4-pin terminal

For the reliable connection of RS232 serial devices to modern USB systems

- **Easy integration:** The USB to RS232 converter reliably connects computers with a USB-A port to devices that have an RS232 serial interface.
- **Stable data communication:** The FTDI FT232RNL chipset enables reliable communication via a virtual COM port with baud rates ranging from 300 to 921,600 bps.
- **Flexible wiring:** The 4-pin screw terminal block with GND, TX, RX and an additional GND facilitates connection as well as optional earth connections or cable shielding.
- **High operational reliability:** USB and RS232 protection circuits featuring a PTC fuse, ESD protection, a TVS diode and protective diodes contribute to the reliable operation of connected devices.
- **Wide system compatibility:** Supports Windows 7 / 8 / 8.1 / 10 / 11, Linux, macOS and Android, allowing for versatile integration into existing environments.

The InLine® USB to RS232 converter connects modern computers with a USB-A port to devices that still communicate via a serial RS232 interface. The connection is made via a 4-pin screw terminal and is suitable for configuration, diagnostics, maintenance and data transfer.

The integrated FTDI FT232RNL chipset provides a virtual COM port and supports baud rates from 300 to 921,600 bps. This means that, in many cases, existing software can continue to be used without modification.

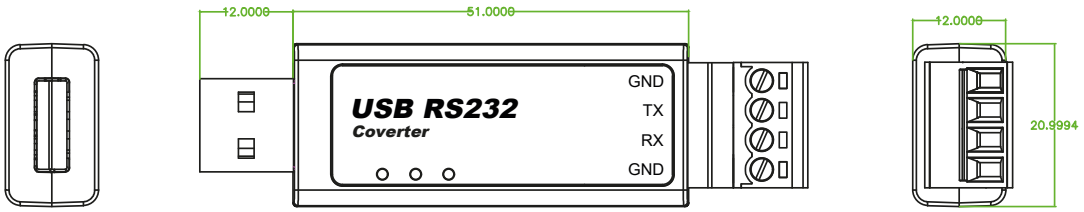
The GND, TX and RX connections allow for simple wiring. The additional GND pin is internally connected to the first ground pin and can be used for additional ground connections or cable shielding.

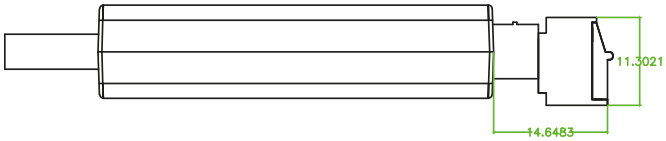
Integrated protection circuits on both the USB and RS232 sides contribute to reliable operation. Status indicators for operation as well as transmission and reception activity facilitate monitoring of communication during commissioning and ongoing operation.

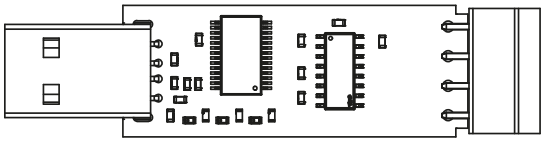
Item No.	Side A	EAN
33307A	RS232 female	4043718353125

- Product type: USB to RS232 converter
- Chipset: FTDI FT232RNL
- Host connector: USB-A
- Device connector: RS232 screw terminal
- Pin configuration: GND, TX, RX, GND (ground, transmit, receive, additional ground)
- Baud rate: 300 to 921,600 bps
- Transmission mode: Point-to-point
- Maximum RS232 cable length: up to approx. 15 m
- Maximum USB cable length: up to approx. 5 m
- USB protection: 200 mA PTC fuse, ESD protection
- RS232 protection: TVS diode, protective diodes
- Status indicators: PWR, TXD, RXD (Power, Transmit, Receive)
- Supported operating systems: Windows 7 / 8 / 8.1 / 10 / 11, Linux, macOS, Android
- Operating temperature: -15 °C to +70 °C
- Humidity: 5 % to 95 % RH, non-condensing

Technical Data	
Article height:	1.1 cm
Article length:	7.8 cm
Article width:	2.2 cm
Side A:	RS232 female
Side B:	USB-A male
Supported OS:	Windows, Mac OS, Linux, Android
Variant:	Supports serial port







USB TO RS232

- RS232 SIGNALS: RXD, TXD, GND
- BAUD RATE UP TO 921.6 KBPS
- ±15KV ESD PROTECTION (HBM)
- TERMINAL BLOCK: 28－16 AWG
- STABLE SERIAL COMMUNICATION
- IDEAL FOR PLC, INSTRUMENTS, POS, CNC
- SUPPORTS: WINDOWS 95/98/2000/2008/XP/VISTA/WIN7/WIN10/WIN11, MAC, LINUX, ETC.

HOOD	ABS Black
Connector	Terminal Block PH3.81 4PIN Plug-In Female Header
Connector	Terminal Block PH3.81 4PIN Plug-In Male Header
Connector	USB2.0 Type A DIP
PCBA	USB2.0 RS232 PCBA

Disclaimer
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Please keep away from children.