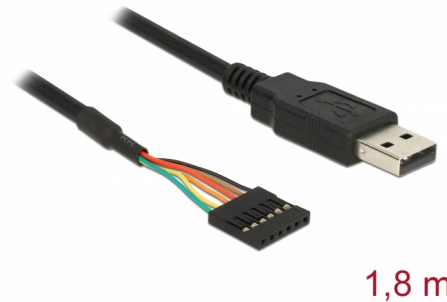


# Delock Converter USB 2.0 male > TTL 6 pin pin header female 1.8 m (5 V)

## Description

This USB TTL converter by Delock is due to its wide temperature range most suitable for industrial applications. It supports virtual COM ports and enables optional a direct access to the interface. The converter is multifunctional compatible to the standard systems Windows, Linux and MAC. It is suitable for Embedded systems, control systems, Field Programmable Gate Array, MCUs, dongles etc.



**Item no. 83784**

EAN: 4043619837847

Country of origin: China

Package: Retail Box

## Specification

- Connector: USB 2.0 type A male > TTL 6 pin pin header
- Pin assignment:
  1. GND
  2. CTS
  3. VCC
  4. TXD
  5. RXD
  6. RTS
- Chipset: FTDI 232RL
- Cable gauge: 26 AWG
- Temperature range: -20°C to +80°C
- No-load current: 70 uA
- Converter: 5 V / 15 mA (VCC, GND)
- Compatible to UHCI / OHCI / EHCI controller
- TTL 5 V (data) / 4 mA or HighLevel 12 mA
- Data rate up to 3 Megabaud
- Databit: 7 or 8
- Stopbits: 1 or 2
- Parity: Parity: none, space, even, odd, mark

- Flow control: software XON / XOFF or hardware RTS / CTS
- FIFO: 128 Byte – RX  
256 Byte – TX
- Cable length: ca. 1.80 m

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## System requirements

- Windows XP/XP-64/Vista/Vista-64/7/7-64/8.1/8.1-64/10/10-64/11, Windows CE 4.2, 5.0, 6.0, Mac OS 10.5, 10.6, Mac OS ex 10.9, Linux ex Kernel 2.6
- PC or laptop with a free USB type A port

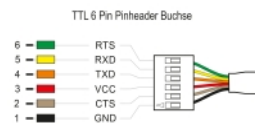
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## Package content

- USB TTL cable
- Driver CD
- User manual

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## Images



## General

|                             |                                                                                                                                                                                                                                                               |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Function:                   | Plug & Play                                                                                                                                                                                                                                                   |
| Specification:              | TTL/CMOS                                                                                                                                                                                                                                                      |
| Supported operating system: | Linux Kernel 2.6 or above<br>Mac OS 10.5 or above<br>Mac OS 10.6 or above<br>Windows 10 32-Bit<br>Windows 10 64-Bit<br>Windows 7 32-Bit<br>Windows 7 64-Bit<br>Windows 8 32-bit<br>Windows 8 64-bit<br>Windows 8.1 32-Bit<br>Windows 8.1 64-Bit<br>Windows 11 |

## Interface

|              |                                     |
|--------------|-------------------------------------|
| Connector 1: | 1 x USB 2.0 Type-A male             |
| Connector 2: | 1 x 6 pin pin header pitch: 2,54 mm |

## Technical characteristics

|                        |                      |
|------------------------|----------------------|
| Chipset:               | FTDI 232R            |
| Data transfer rate:    | 300 bps - 3 Mbps     |
| FIFO:                  | 256 Byte<br>128 byte |
| Operating temperature: | -20 °C ~ 80 °C       |
| Voltage:               | VCC = 5 V            |

## Physical characteristics

|                  |        |
|------------------|--------|
| Cable length:    | 1.8 m  |
| Conductor gauge: | 26 AWG |
| Colour:          | black  |