

USB to UART bridge on DIN rail

Article number PR157s05



Some PLCs and controllers have a UART port for fault finding, data logging and tuning, but a PC cannot simply read or drive UART. The PR157s05 converts the UART signals (3.3 V) to a standard USB port. The 5 V line of the USB port is also available on a screw terminal, so other devices on the DIN rail can be powered from 5 V, up to 0.5 A. Do not connect any other voltage source to that terminal: it can damage your PC.

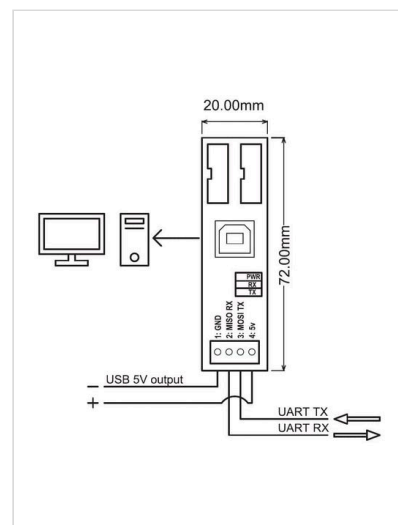
Price on request. Lead time on request. Not in stock? We will make it.

Specifications

Supply	Through the USB connection
Input	USB, type B connector
Output	UART 3.3 V DC, 300 to 1,000,000 baud
5 V output	5 V from the USB port, 0.5 A DC max.
Indication	PWR, RX and TX LEDs
Dimensions	22.5 x 83 mm with DIN rail enclosure, 20 x 72 mm without
Mounting	DIN rail

Connections

Terminal 1 (GND)	0 V of the USB and UART port
Terminal 2 (RX)	UART signal leaving the module; connect the receiving terminal of your device here
Terminal 3 (TX)	UART signal entering the module; connect the transmitting terminal of your device here
Terminal 4 (5V)	5 V from the USB port, 0.5 A max.; do not connect a voltage source here



Setup

1. Connect the PC to the USB port of the module.
2. Connect the transmitting terminal of your device to terminal 3 (TX) and the receiving terminal to terminal 2 (RX).
3. Connect the 0 V of your device to terminal 1 (GND).
4. Use terminal 4 only to power another device from 5 V, up to 0.5 A; never connect a voltage source to it.

More information, price and lead time: www.procircuits.nl/en/products/pr157s05

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