

Converter USB <> RS485

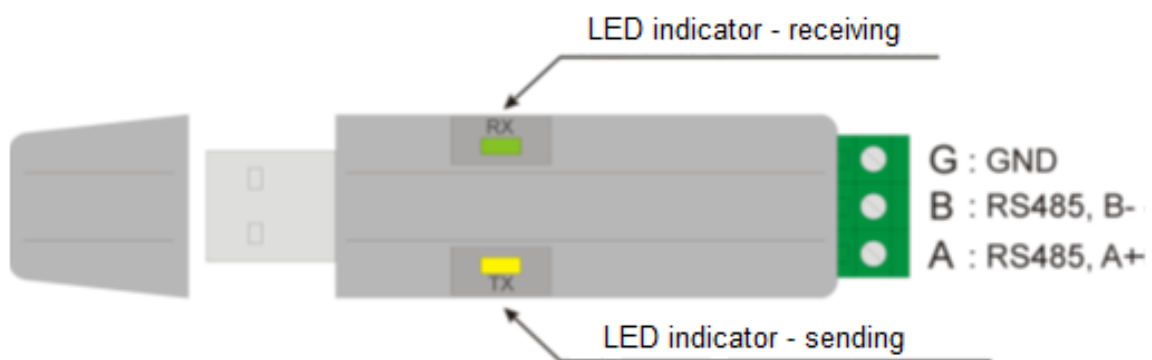
C-RS/USB

1. Technical data



- Dimensions: 77 x 21 x 20 mm
- Supply voltage: 5V z portu USB
- Baud Rate: up to 921,6 kbps
- Communication signaling on LEDs
- Communication link: RS 485 / USB
- Pendrive enclosure type
- Storage temperature: -20 ... 70 °C
- Degree of protection: IP00

2. Description



The converter has a USB A to connect USB host, and on the other side the terminal strip with terminals A and B line of RS485 and G. Two LEDs on the unit are used for signaling communications.

3. Start-up

After connecting the converter to the USB host and the detection of the device appropriate drivers must be installed. Depending on the operating system, drivers are available for Windows 98/ME/2000/XP/Vista/7/8/8.1/10 /Server/CE/Mobile/Pocket, Linux, Mac OS, Android.

Drivers that emulates a "VCP" COM port are available at:

<http://www.ftdichip.com/Drivers/VCP.htm>

Drivers of the independent USB device "D2XX" can be downloaded from:

<http://www.ftdichip.com/Drivers/D2XX.htm>

After installing the appropriate drivers, the device is ready for operation. From the line RS485 ,device has an additional terminal G, which is connected to ground of the device type HOST (USB). In some cases, the lack of communication on the RS485 side is recommended to combine ground communication devices in order to equalize the potentials of the grounds.

The device is protected against short circuit and overload of the RS485 line and ESD.