

# Technical Datasheet



## CON.USB.RS-ISO

### Adaptor Cable

## Description

The interface adapter CON.USB.RS-ISO is used to connect devices with RS485 interface (TRICOR Coriolis, FAW 100 und FAS 100) to the USB interface of a PC. The corresponding software for remote control (EasyControl or TRICOR Configurator) can be downloaded in the Download area.

## Operation

Make sure that the unit to be controlled is switched off.

Connect the free ends of the cable to the RS485 terminals of the unit to be controlled.

white	GND
green	RS485+ (RS485A)
brown	RS485- (RS485B)

In case an additional long cable (> 100 m) is connected between the free ends of the unit and the unit to be controlled, the terminating resistor of the unit must be used to maintain signal integrity.

Connect the RS485 + and the RS485 cables of the adapter cable to the device.

Connect the USB connector to a USB plug of your computer.

Switch on the unit to be controlled and start the software on your computer.

## Technical Data

USB Version	USB 2.0
RS485 Input Voltage	$-7\text{ V} < V_{in} < +12\text{ V}$
Cable Length	3 m
ESD	$\pm 15\text{ kV}$ (RS485 Pins)
Isolation Barrier	$2,500\text{ V}_{\text{rms}}/\text{min}$
Speed	up to 1 Mbps
Operating Temperature	$0\text{ °C}$ up to $+70\text{ °C}$ [ $+32\text{ °F}$ up to $+158\text{ °F}$ ]

## Ordering Information

CON.USB.RS-ISO	Adaptor cable USB to RS485
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