

Accessories

► *cab-5/USB-...*

This USB converter enables the connection of sensors with a serial USB interface to a PC.

- Voltage supply galvanically separated:
+24VDC via sensor
+5V via USB-HUB
- Two cable lengths available (2m or 5m)
- 5-pole connector Binder Series 712



Design

Product name:

cab-5/USB-2m (total length approx. 2m)

cab-5/USB-5m (total length approx. 5m)
(incl. driver software, cf. page 5)

PUR cable:

Cable length incl. 5-pole connector Binder Series 712:
for cab-5/USB-2m: approx. 1730 mm
for cab-5/USB-5m: approx. 4730 mm

5-pole circular connector,
Binder Series 712
(connection to sensor)

PUR cable,
length incl. USB-A connector approx. 200 mm

Aluminum housing,
anodized in black

USB-A
connector

**Product Information****Applications**

With the USB converter cab-5/USB-... many sensors of Sensor Instruments can be connected via the widespread USB interface of the PC. Parameterization thus can be done even if there is no RS232 interface available at the PC.

Due to the galvanic separation of the sensor side from the PC side it is guaranteed, that potential differences between PC and Sensor cannot result in malfunctions. Both connectors at the sensor side as well as at the PC side are short circuit proof and reserved polarity protected.

Driver/Driver Installation

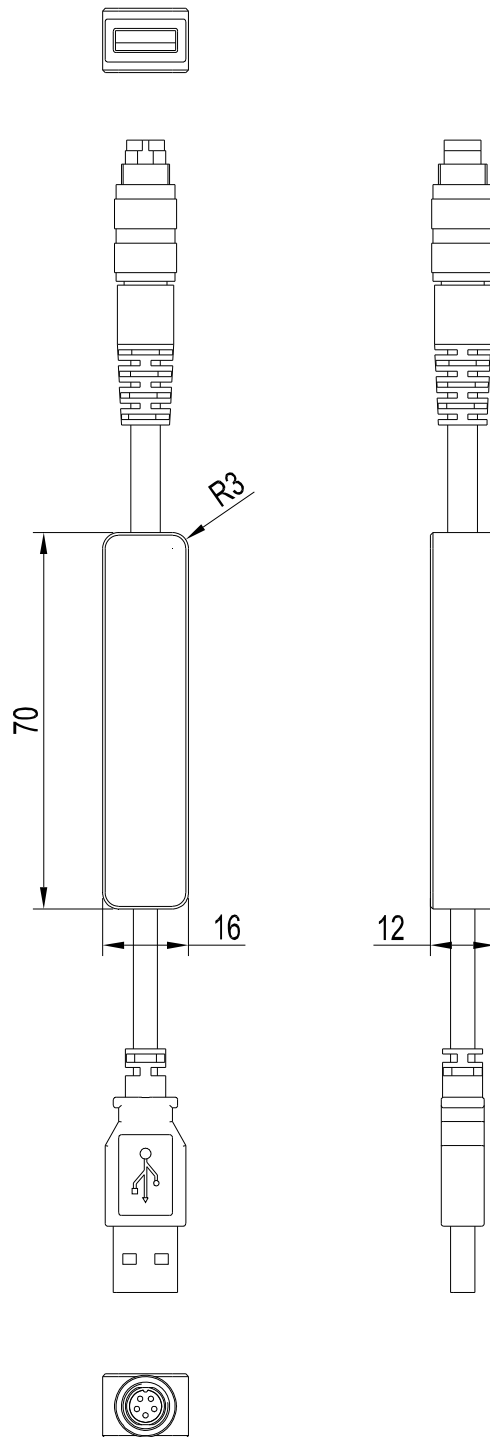
The link to the free download of the driver software directly from the software vendor can be found on page 5.

**Technical Data**

Model	cab-5/USB-...
Voltage supply	+24VDC (through sensor) + 5V (through USB HUB)
Current consumption	max. 20mA
Data rate	19200baud
Temperature range	-25°C ... +65°C
Enclosure rating	IP50
Housing material	Aluminium, anodized in black
Housing dimensions	LxWxH approx. 70 mm x 16 mm x 12 mm
Type of connector	5-pole connector Binder Series 712
Cable length	Total length approx. 2000 mm or 5000 mm

Dimensions

cab-5/USB-...

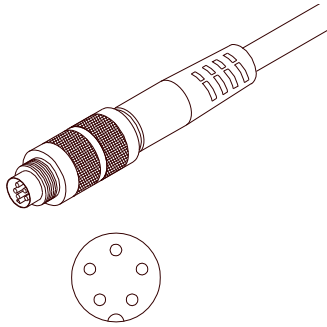


(All dimensions in mm)

**Connector Assignment****cab-5/USB-...**

Assignment of 5-pole connector Binder Series 712:

Pin:	Assignment:
1	GND (0V)
2	TxD
3	RxD
4	+24VDC (+Ub, OUT)
5	not connected



**Driver**

The current driver (version 2.12.36.4) is available for download from the website of the software vendor:

<https://ftdichip.com/drivers/vcp-drivers/>

Virtual COM Port Drivers



Virtual COM port (VCP) drivers cause the USB device to appear as an additional COM port available to the PC. Application software can access the USB device in the This page contains the VCP drivers currently available for FTDI devices.



Click [here](#) to download the Windows 7 to Windows 11 and Windows Server (see note * below) driver installer. The Windows driver installer contains both VCP and D2XX drivers.

For D2XX Direct drivers, please [click here](#).

Installation guides are available from the [Installation Guides](#) page of the [Documents](#) section of this site for selected operating systems.