

Accessories

► cab-5/USB-...

The cab-5/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)



Design

Product name:

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

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

(incl. driver software „Self Installing Executable“, 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 cab-5/USB-... converter 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

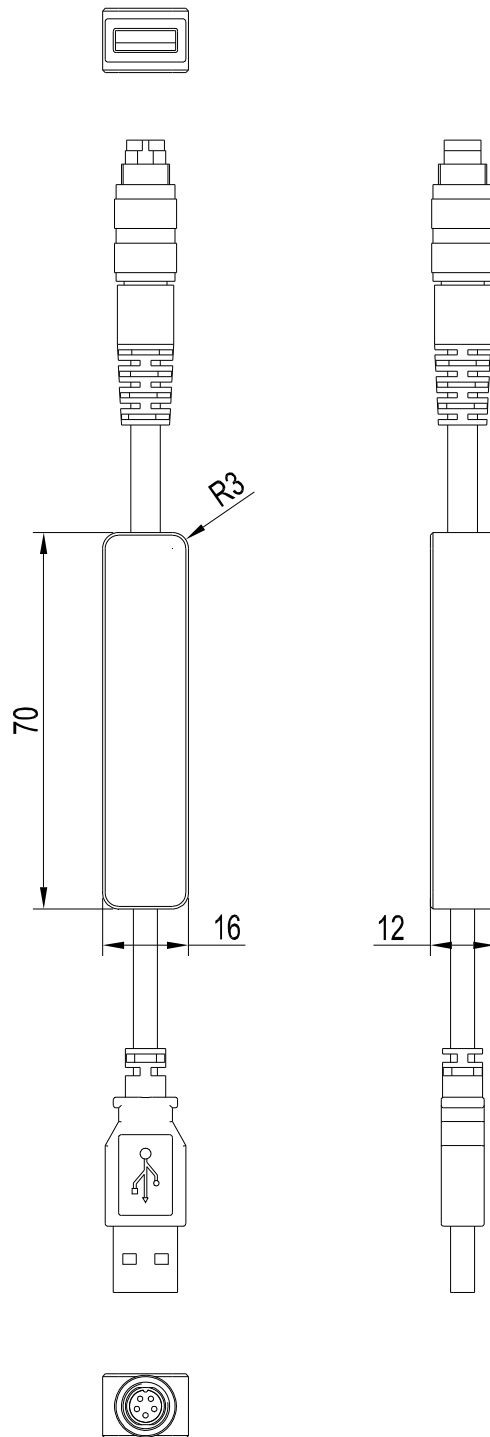
Hints on the download of the USB driver as well as installation instructions are provided at page 5.

**Technical Data**

Model	cab-5/USB-...
Voltage supply	+24VDC (through sensor) + 5V (through USB HUB)
Current consumption	max. 20mA
Data rate	19200baud
Temperatue 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-...

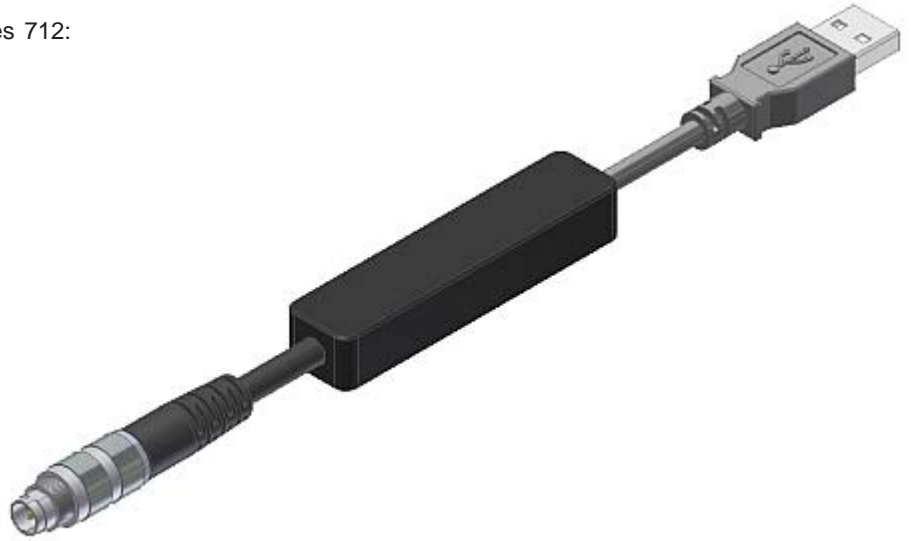
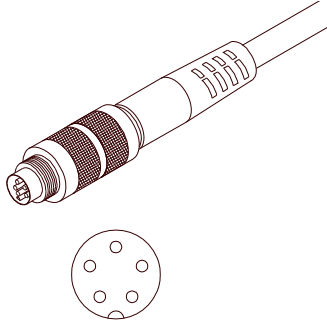


(All dimensions in mm)

**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 is available for download at the website of the software provider:
<http://www.ftdichip.com/Drivers/VCP.htm>

Currently Supported VCP Drivers:

Operating System	Release Date	Processor Architecture							Comments	
		x86 (32-bit)	x64 (64-bit)	PPC	ARM	MIPSII	MIPSIV	SH4		
Windows*	2014-09-29	Available as setup executable Contact support1@ftdichip.com if looking to create customised drivers			-	-	-	-	-	2.12.00 WHQL Certified Available as setup executable Release Notes