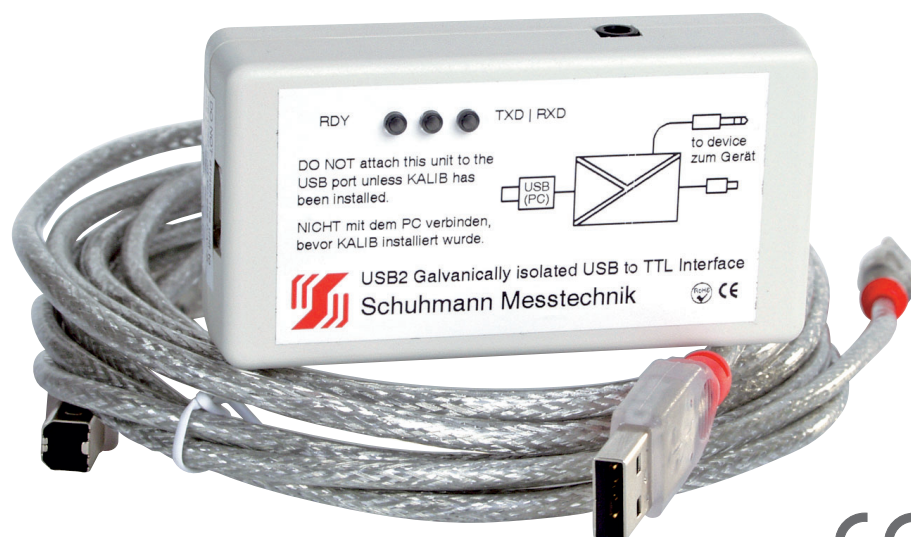


USB2

USB-TTL Interface- adapter

**Features:**

High galvanic isolation between PC and connected device

USB 2.0 B and USB 1.1 compatible

No additional auxiliary power required

Status indication via 3 LEDs

Automatic driver installation

Suitable for Windows 2000, ME, XP, Vista

Description:

The adapter serves as an interface between the PC and the connected device. The TTL signal of the Schuhmann-device will be digitally prepared and then transferred by an optical coupler to the PC where data will be transferred to USB-protocol and sent to the computer.

Due to the optical separation between device and computer potential delays as well as short-circuits of the PC (normally earthed) will be avoided. The devices to be programmed are supplied with power via the mini-USB-connection so that they can be pre-programmed without additional auxiliary power.



Caution: The Kalib-Software and the USB-Driver have to be installed, before the adapter will be connected with the PC.

**USB Input:**

Directly fed by PC:

Auxiliary power: 5V DC
 Current consumption: max. 60 mA
 Protocol: USB 2.0 B and USB 1.1
 "Full Speed"

LEDs:

RDY (green): USB-communication with
 the PC in order
 (driver loaded)
 TXD (red): Data sent from PC to the
 device
 RXD (red): PC receives data from the
 device

TTL Input:

Connections: jack plug and mini-USB

Characteristics of transmission:

Isolation: 3 kV RMS (1 sec)

EMC:

EMC Directive: 2004/18/EG
 Low-Voltage Directive: 2006/95/EG

Mounting details:

Dimensions: 86 x 46 x 23 mm
 Weight: approx. 50 g
 Type of protection: IP 20

Ordering information:

USB2

Extent of supply:

USB-adapter: USB2
 PC-cable: USB-cable type A/B
 (length approx. 2 m)
 Device-cable: jack cable 3,5 mm
 (length approx. 1 m)
 Mini-USB-cable type A/B
 (length approx. 2 m)
 Software: USB-Driver
 Schuhmann-Kalib
 (Parameterization-Software)