



FEATURES

- Galvanic isolation of 3 kV between PC and connected device
- USB 2.0 B and USB 1.1 compatible
- No additional auxiliary power required
- Status indication via 3 LEDs
- with driver and KALIB-Software, suitable for Windows XP, Vista, 7, 8, 8.1, 10



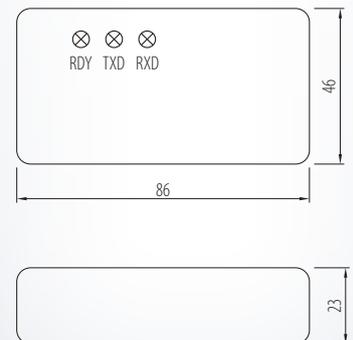
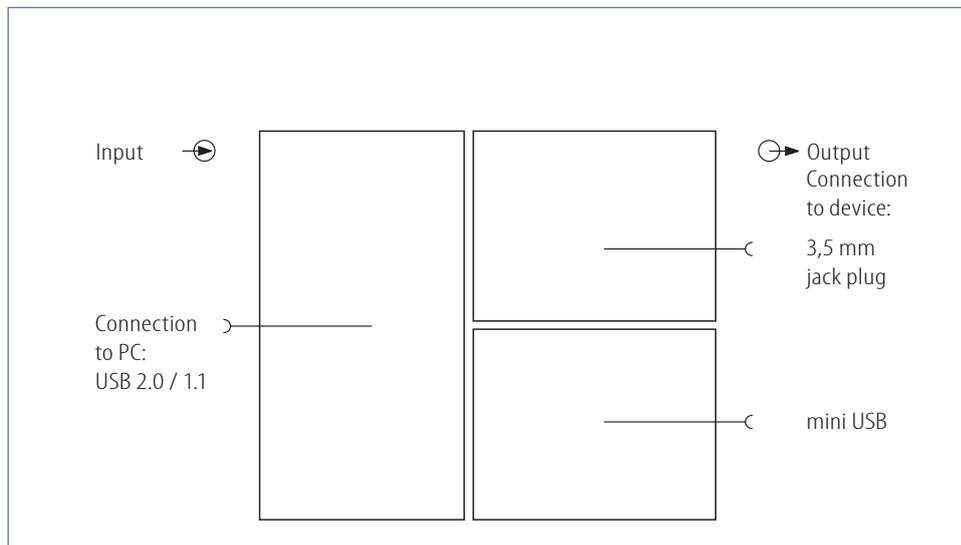
FUNCTION

To set up the parameterizable Schuhmann devices* the USB2 interface in connection with the KALIB-Software is required. The current overview of these devices is available on our homepage. 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. With the KALIB-Software the following parameter can be defined: input, measuring start, measuring end, attenuation, failure limit etc. The settings can be saved in a file and easily transferred to further units.

Due to the galvanic isolation between device and computer potential delays as well as short-circuits of the normally earthed PC will be avoided. Most of the devices to be programmed* are supplied with power via the USB2 interface.

Caution: KALIB-Software and the USB-Driver have to be installed before the adapter will be connected to the PC.

* the overview of these devices is available on our website



USB2

Input:

USB2 interface for the connection with the PC.

Directly fed by PC:

auxiliary power:	5 V DC
current consumption:	max. 60 mA
protocol:	USB 2.0 B and USB 1.1 „Full Speed“

Output:

TTL- respectively USB interface for the connection with the PC:

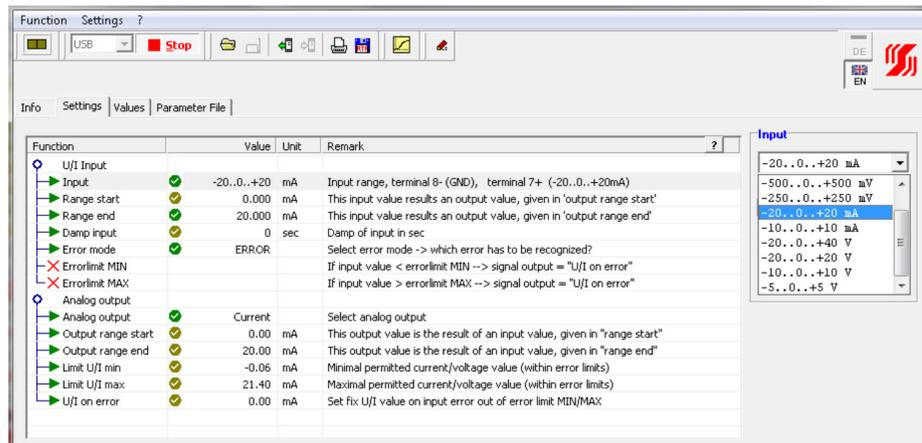
connections:	3,5 mm jack plug mini-USB
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Display:

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

Included in delivery:

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:	KALIB-Software (parameterization software) USB driver (suitable for Windows XP, Vista, 7, 8, 8.1, 10; each with 32- and 64-bit)



E.g.: attached STP1.00SDC isolating amplifier.

Environmental conditions:

Storage temperature:	-40...+70 °C
Operating temperature:	0...55 °C
Isolation voltage:	3 kV eff. 1 sec. input-output

Directive:

EMC Directive:	2014/30/EU*
Low Voltage Directive:	2014/35/EU
*minimum deviations possible during HF-radiation influence	

Mounting details:

Type of protection:	IP 20 housing
Dimension:	86 x 46 x 23 mm
Weight:	50 g
Material:	Polycarbonate (PC)
Flammability class:	V0 (UL94)
Approval:	CE
Connection:	cable

Ordering information:

Type: USB2

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