Programming adapter

General

The adapter PR-KP20 is a programming adapter for connecting the programmable relay PR110/114 to a PC. Thereby projects / application programs, which have been created on the PC in the akYtec ALP programming environment, can be transferred to the relay. Power supply for the adapter is provided via the USB.

Technical Data

Table 1 Technical data

Supply voltage	via USB-2.0 interface
Power consumption, max.	0.5 W
Baud rate	up to 115.2 kbit/s
Galvanic isolation USB - UART	none
Dimensions	66 x 46 x 22 mm
IP code	IP20
Weight	approx. 50 g
Ambient temperature	-20...50 °C
Humidity	80% at +25 °C, non-condensing
Connection cable	USB 2.0 type A-B (1.5 m)
	RJ12-RJ12 (1 m)

Construction

Front side:

- LED "POWER "- voltage indicator
- LED "CONNECTION "- status indicator (see Table 2)

Laterally arranged:

- USB port
- RJ12 socket "PR"

Table 2 LED status indicator

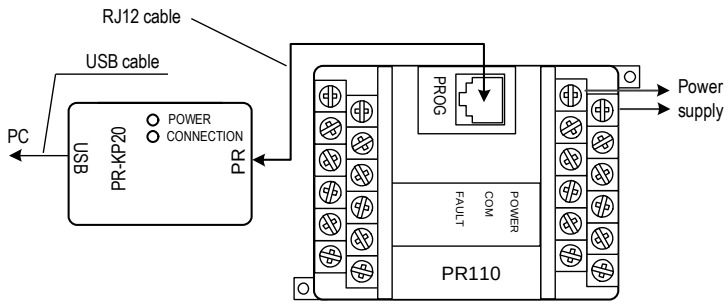
LED	Indication	Operation mode
POWER	red	Power supply OK
	not lit	Power supply too low or no power supply
CONNECTION	red	Relay not connected
	green	Relay connected
	flashing	Data exchange
	not lit	Power supply too low or no power supply

Driver installation

The driver has to be installed prior to first connection of the adapter to the PC. The driver is on the attached USB stick. Execute the installation file and follow the instructions on the screen. Connection appears in the Device Manager on the PC as a virtual COM port “USB to UART Bridge".

Device connection

- Connect the USB port of the adapter with the USB port of the PC
- Connect the UART port of the adapter with the UART port of the relay.



Scope of delivery

Adapter PR-KP20	1
USB cable	1
RJ12 cable	1
User guide	1
USB stick with software and documentation	1

Safety Instructions

The adapter PR-KP20 is designed only for applications described in this guide, considering all mentioned technical data. Only devices mentioned in this guide may be connected to the adapter.

► **NOTICE** ***Only sufficiently qualified and trained personal may work on/with the device!***
Not sufficiently qualified personnel are endangered or endangered others. Possibly consequences may be minor injuries, property damage or environmental damage.

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