



# USO 4013 USB-to-SERIAL/OPTICAL CONVERTER



USO 4013

- USB-to-serial / optical converter
- Complete electrical isolation
- Up to 24 m cable length for the optical RS232
- Rugged design

The USO 4013 is a fast, universal USB-to-serial converter with an optical and an RS232 port, which can be optionally configured as an RS485 port. Its optical port drives a fiber optic converter with a transmission speed of 3 MBd for distances of up to 40 m, allowing potential- and trouble-free remote control of electrical devices with a serial port. The RS232 port has a maximum transmission speed of 1 MBd.

The model USO 4013-RS232-20 also includes a 20 m fiber optic cable and an optical-to-RS232 converter for devices with an RS232 remote control port.

### Application

1. Remote control connection of SCR 35xx
2. Remote control connection of SMR 35xx
3. Remote control connection of any unit with a serial interface

### Technical specification

Power supply:	via USB
Current consumption:	approx. 50 mA
Indicator lamps:	LED blue: RX, LED orange: TX
Communication interface 1:	optical
Connector:	2 x HFBR0501 socket for 1 mm fiber optic cable
Communication interface 2:	RS232
Connector:	D-SUB plug, 9 pins, TxD; RxD; /RTS; /GTS
Communication interface to PC:	USB
Connector:	USB A type
Cable length:	approx. 1.7 m
Chassis dimensions: (L x W x H):	57 mm x 70 mm x 24 mm
Weight:	approx. 133 g



USO 4013-RS232-20

### Delivery information

Part number	Description
254720	USO 4013 USB-to-serial/optical converter
254747	USO 4013-RS232-20 USB-to-serial/optical converter, 20 m POF, optical-to-RS232 converter

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