

Data sheet:

Interface - plastic fiber optic <> RS232 Industry, with handshake



Article no.: 81202

Unfortunately, this article
is no longer available.

PC connection over fiber-optic cables with handshake

Properties

General information:

- Sending of the data lines RxD and TxD and the handshake lines RTS and CTS
- No setting of the transmission parameters necessary
- External supply also makes it suitable for low-power RS232 interfaces
- Wide supply voltage range 12..24V AC/DC
- Housing suitable for installation on top hat rails

Background information:

RS232 interfaces do not always supply the power necessary for smart solutions with supply voltage-free fiber-optic interfaces. Especially as regards the notebook interfaces, energy saving measures to extend the operating time can lead to a situation where the maximum fiber-optic transmission distance of 100 m is not always available. For such cases, the FOC <> RS232 interface, Industry, offers a solution by providing a separate power supply.

Technical data

Baud rate:	0..57600 kBaud
Data format:	any format
Signal lines:	RxD, TxD, RTS, CTS
RS232 adapter:	9-pin SUB-D adapter
Fiber-optic cable adapter:	Integrated socket with automatic interlocking of the fiber-optic cable
Fiber-optic medium:	Duplex plastic optical fiber cable Dimensions 2.2 x 4.4 mm with a fiber diameter of 1 mm Material: core: PMMA, cladding: PE
Transfer distance:	maximum 50 meters fiber optic cable
Galvanic isolation:	Isolation voltage min. 1 KV DC between supply and serial connection
Power supply:	12..24V DC/AC
Current consumption:	approx. 80 mA at 12 V input voltage
Supply voltage connection:	Plug-in screw terminal, 5.08mm spacing Labeled "L+" and "M"
Ambient temperature:	Storage: -40..+70°C, Operation: 0..+50°C
Permissible relative humidity:	5..95% RH (non-condensing)

Housing: Plastic compact housing, 105x75x22mm
Weight: approx. 100 g
Scope of delivery: 1x FOC <> RS232 interface, Industry



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