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## USB converter from UBF provides EIA-232 / RS-232-connections via optical polymer fibers (POF)



Production machines in industrial companies, heating systems, air control, computers, scales, control systems, devices for measurement data acquisition etc. often have a serial RS-232 interface for data communication. Most modern, portable computers do not have a serial port, but are equipped with USB-ports. UBF has an USB to RS-232 fiber optic converter in its product range, in order to realize a quick and easy serial port extension.

The USB converter can easily be used for many applications. It ensures electromagnetic separation between RS-232 interfaces, allowing extension of existing RS-232 connections over long distances and interference-free data transmission even under difficult environment conditions. The optical cable allows distances up to approx. 70m. The interference-free transmission is ensured even in environments with electromagnetic pollution like at powerful engines, explains Jürgen Fischer, Managing Director of UBF EDV Handel und Beratung GmbH. The USB fiber optic converter is powered via the USB port. An additional power supply is not required. Optical cables can be delivered made to order in any size.

### Details and technical data:

- o Data transmission: Full duplex
- o Data transmission rate: Up to 921600 Bit/s
- o Connector electrical: USB A
- o Connector optical:
  - RP-02 at 980/1000 µm POF-cable (optical polymer fibers)
- o Optical interface: RS-232
- o Plastic case
- o Weight: ca. 10 g
- o LEDs: Power, data transmission

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