

# RS-232/V.24 Transceiver

# MICROSENS

Fiber optic transceiver for RS-232 interfaces.

The MICROSENS RS-232 transceiver offers the transmission of standard RS-232/V.24 signals over fiber.

Especially in industrial areas the use of fiber offers advantages like interference safety, immunity and safety from interception as well as a complete galvanic isolation between sender and receiver.

The transceiver has two ST connectors for the fiber connection and using multi-mode fiber distances of up to 2 km can be reached.

An additional transceiver version for single mode fiber is available. With this version distances of up to 5 km can be reached.

Due to their extreme compact design, the transceiver can be connected directly onto the interface of the station.

Three LEDs inform about the status of the transceiver and the data connection.

The transceiver is also available as an insertion module for the mounting into the modular 19" media converter system.



## Technical Specifications

<b>Type</b>	Fiber optic transceiver for RS-232 interface
<b>Datarate</b>	max. 120 kbit/s
<b>Connectors</b>	1 x SUB-D 9 pin (RS-232) 2 x ST-connector 1 x power supply jack 2.1 mm
<b>Fiber type</b>	Multimode fiber, duplex, 50 or 62.5/125 $\mu\text{m}$ , Single Mode fiber 9/125 $\mu\text{m}$ , ST-connector
<b>Max. fiber length</b>	MM: 2 km, SM: 10 km
<b>LED displays</b>	Power, Receive, Transmit
<b>Operating temp.</b>	0°C to 50°C
<b>Power supply</b>	Ext. supply
<b>Dimensions</b>	66 x 44 x 21 mm (w x d x h)

## Order Information

Part-no.	Description	Connectors
MS650121	RS-232 Transceiver Multimode	1 x SUB-D 9 pin 2 x ST
MS650122	RS-232 Transceiver Single Mode	1 x SUB-D 9 pin 2 x ST