

RS-422/V.11 Transceiver

MICROSENS

Fiber optic transceiver for RS-422/V.11 interfaces.

The MICROSENS RS-422 transceiver offers the transmission of standard RS-422/V.11 signals over fiber.

Especially in industrial areas the use of fiber offers advantages like interference safety and interception security even for high datarates, as well as a complete galvanic isolation between sender and receiver.

The transceiver has two ST connectors for the fiber connection. Using multimode 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.

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



Technical Specifications

Type	Fiber optic transceiver for RS-422 / V.11 interface
Datarate	max. 5 Mbit/s
Connectors	1x SUB-D 9 pin (RS-232) 2 x ST-connector 1 x power supply jack 2.1 mm
Fiber type	Multimode fiber, duplex, 50 or 62.5/125 μ m, Single Mode fiber 9/125 μ m, ST-connector
Max. fiber length	MM: 2 km, SM: 5 km
LED displays	Power, Receive, Transmit
Operating temp.	0°C to 50°C
Power supply	Ext. supply
Dimensions	66 x 44 x 21 mm (w x d x h)

Order Information

Part-no.	Description	Connectors
MS650221	RS-422 Transceiver Multimode	1 x SUB-D 9 pin 2 x ST
MS650222	RS-422 Transceiver Single Mode	1 x SUB-D 9 pin 2 x ST