mk ●●●messtechnik
EMC Test and Measuring Systems

*opto*RS232-HS

Date:
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Datasheet

Field of application and characteristics

The *optoRS232* system can be used for the bidirectional optical transmission of RS232-signals up to a data rate of 116kbit/s (hardware handshake). The system consists of two battery powered transceivers connected by a fiber-optic cable. With the optical transmission and the shielded case, the system is well equipped for EMI and EME tests.

Application

Technical data

Channels:	1
Connectors:	SUB-D9 female + male
Data rate:	up to 116 kBit/s, depends on cable length and fiber-optic cable length
Pin assignment:	full pinout, according to RS232-C standard
Signals:	RxD, TxD, DCD, CTS, RTS, DSR
Power supply:	5 NiMH cells with 4 Ah; >25h; five-poled charge plug
Case dimensions:	136mm x 86mm x 65mm aluminum case with rubber protectors
Weight:	approx. 800g
Misc.:	optional external battery pack / supply available 19" rack mount or ST optical fiber connectors available on request

Optical fiber

Connector / Type:	FSMA / duplex-multimode fiber 62,5/125µm