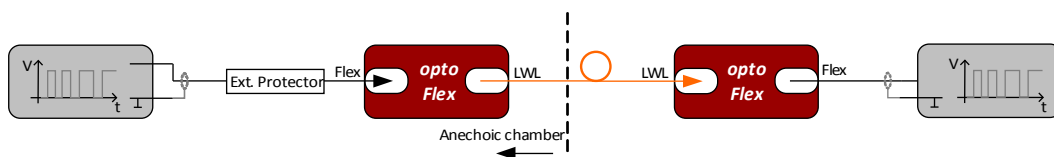


Field of application and characteristics

The **optoFlex** system can be used for the optical transmission of Flexray signals with transmission rates of up to 10Mbit/s. It consists of two identical battery supplied transceivers connected to each other with an optical fiber. 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-D 9 female; internal 100Ω termination (switchable)
Data rate:	up to 10Mbit/s
FlexRay-transceiver:	TJA1081TBS
FlexRay-choke:	B82789C0104, 100uH
Power supply:	5 NiMH cells with 4 Ah; >20h; 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 optional external termination external protector to protect integrated transceiver against damage from ESD or High-RF 19" rack mount or ST optical fiber connectors available on request

Optical fiber

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