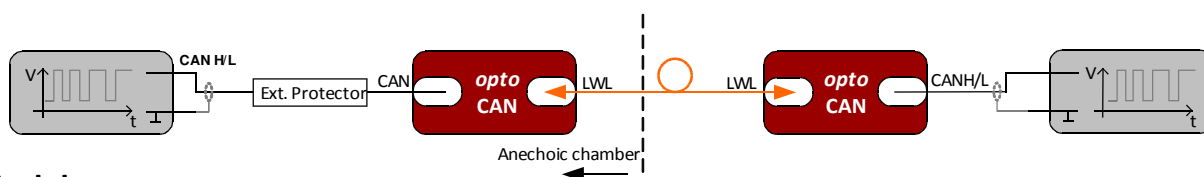


Field of application and characteristics

The **optoCAN-FD** system can be used for the optical transmission of „FD“ CAN signals with transmission rates of up to **10 Mbit/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 or custom made, termination switchable (60Ω, 120Ω, open)
Data rate:	up to 10 Mbit/s (with max. 20m optical fiber)
CAN-transceiver:	TJA1044 GT
CAN-choke:	B82789C0513N002, 51uH
Power supply:	5 NiMH cells with 4 Ah; >30h; 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 external filter depending on application 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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