

## optoCAN-FD

Date: 03/20/14

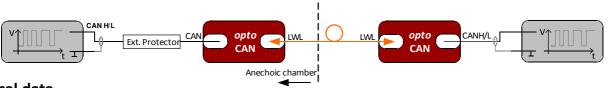
## Datasheet

## 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 ( $60\Omega$ ,  $120\Omega$ , 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