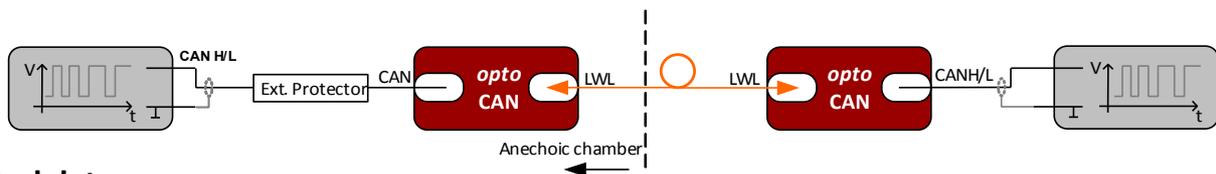


Field of application and characteristics

The **optoCAN-HS** system can be used for the optical transmission of CAN signals with transmission rates of up to 1Mbit/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 1Mbit/s (with max. 20m optical fiber) |
| CAN-transceiver: | TJA1049 T+118 |
| 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 |
|-------------------|------------------------------------------|