DOtech TypeLin26

Digital optical transmission system for LINBUS

General information

The transmission system is used for bidirectional optical transmission of digital LINBUS signals and consists of two identical EMI hardened transceiver modules, powered by an external battery power supply.

Technical Data

System

- Transceiver modules interchangeable
- Indicator for thermal overload
- Master-/slave- mode manually switchable
- Automaticly switching of the pull-up-resistors (12V or 24V power supply, dependent on U_{bat}), signaling via LED
- transmissionrate: DC – 20 kBaud
- Ubat: 5 V < Ubat < 35 V
- EMI immunity: Ê = 400 V/m
- Pull-up-resistor (master mode): 1 kOhm
- Pull-up-resistor (slave mode): 20 kOhm
- Input capacitance LINBUS: Cin < 200 pF
- Housing: Aluminium, grounded
- Dimensions: 100 x 80 x 50 mm
- Terminals: LINBUS-Leitung
Ubat
GND
- Optical ports: RX
TX

Optical fibre

Type:	Duplex-Multimode optical fibre 62,5/125 µm
Optical connectors for RX und TX:	FSMA

Stand: 04.11.2004