



BUENO ELECTRIC

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BE-CAN-FO Series

CAN Bus to fiber optic Converter



Product Description

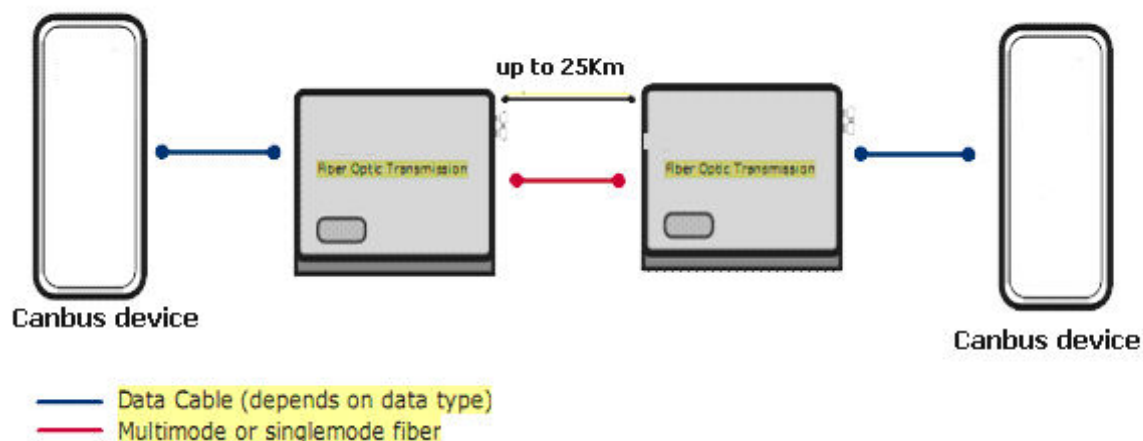
The BE-CAN-FO series CAN Bus series products, which uses the most advanced technology in the world, provide an optical point-to-point or bus network connection for CAN bus data interfaces on one or two, multimode or single mode optical fibers. The CAN Bus Point-to-Point Transmission units operate as the end or terminal points and provide an electrical connection and a two fiber optical connection. The units support CAN 1.0 and CAN 2.0 CAN standards, and DeviceNet and are transparent to all high level protocols. This series is available in either wall mount, DIN rail or 3U chassis card configurations

Product Features

- ◆ Up to 1Mbps data rate(Can reach 20km when it's 1Mbps high rate,6500 frames, no cascading)
- ◆ Multi mode and single mode
- ◆ Single fiber solution
- ◆ DIN Rail Mount
- ◆ 3 years warranty



Typical System Configuration



Specifications:

Data	
Data Formats	CAN1.0 ,CAN2.0 ,Device Net
CAN Data Rate	0-1Mbps
Bit Error Rate	<1 x 10 ⁻¹²
Connectors	
Data	Screw Block Terminal or DB9
Fiber	ST, SC or FC (ST fitted as standard)
Environmental	
Operating Temperature	-30C---+70C
Storage Temperature	-30C---+70C
Operating Humidity	0-95%
MTBF	>100,000 Hours
Optical	
Fiber	Single mode or Multi Mode
Wavelength	MM:850nm,SM:1310nm
Number of fibers	2 or 1
Power	
Power Input	9~30V DC
Mechanical	
Dimensions	86(W)×29(D)×155(H)mm DIN Rail



Ordering Information:

Model Number	Description	Port No.	Fiber Mode	Fiber Connector
BE-CAN-FO-P1M	Fiber Optic Converter, Point to Point Link, Single Fiber(BI-DI), 2km,DIN Rail Mount	1 CAN +1 FO	Multi Mode	ST/SC/FC
BE-CAN-FO -P2M	Fiber Optic Converter, Point to Point Link, Dual Fiber, 2km,DIN Rail Mount	1 CAN+2 FO	Multi Mode	ST/SC/FC
BE-CAN-FO -P1S	Fiber Optic Converter, Point to Point Link, Single Fiber(BI-DI), 20km	1 CAN +1 FO	Single Mode	ST/SC/FC
BE-CAN-FO -P2S	Fiber Optic Converter, Point to Point Link, Dual Fiber, 20km	1 CAN+2 FO	Single Mode	ST/SC/FC
FO-FIB-100PT	Configurable Fiber Optic Converter, Point to Point Link, Wall Mount	1CAN+1 or 2 FO	SM/MM	ST/SC/FC
FO-FIB-100BT-M4S	Configurable Fiber Optic Converter, Multi Drop Link, Wall Mount	1CAN+2 or 4 FO	Single Mode	ST/SC/FC
FO-FIB-100BT-M4M	Configurable Fiber Optic Converter, Multi Drop Link, Wall Mount	1CAN+2 or 4 FO	Multi Mode	ST/SC/FC
FO-FIB-100BT-R4S	Configurable Fiber Optic Converter, Redundant Ring Link, Wall Mount	1CAN+2 or 4 FO	Single Mode	ST/SC/FC
FO-FIB-100BT-R4M	Configurable Fiber Optic Converter, Redundant Ring Link, Wall Mount	1CAN+2 or 4 FO	Multi Mode	ST/SC/FC
FO-FIB-MIXED	Configurable CAN Fiber Optic Switch, Point to point, Multi-drop, Star, Tree, Wall Mount	2 CAN+2 or 4 FO	SM/MM	ST/SC/FC
SW-400T	4 Port Configurable CAN BUS Switch, Wall Mount	4 CAN		
BRIDGE-200T	Configurable CAN TO CAN Bridge	2 CAN		
CANET-I	1 Port CAN to Ethernet Converter	1 CAN+1 TCP		
CANET-II	2 Port CAN to Ethernet Converter	2 CAN+1 TCP		
CAN-USB-I	1 Port CAN to USB Converter	1 CAN+1 USB		
CAN-USB-II	2 Port CAN to USB Converter	2 CAN+1 USB		
CAN-PCI-5001	1 Port CAN PCI Card	1 CAN+1 PCI		
CAN-PCI-5002	2 Port CAN PCI Card	2 CAN+1 PCI		
CAN-232	CAN to RS-232 Converter	1 CAN+1RS232		
CAN-485	CAN to RS-485 Converter	1 CAN+1RS485		