BE-CAN-FO Series

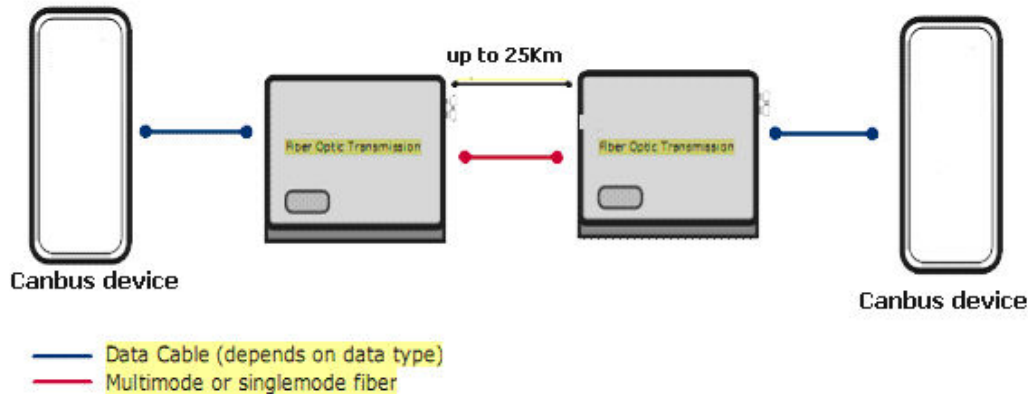## *CAN Bus to fiber optic Converter*

Product Description

The BE-CAN-FO series products, which uses the most advanced technology in the world, providing an optical point-to-point or bus network connection for CAN bus data interfaces on one or two, multi mode 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 Device Net.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 1MB high rate,6500 frames/second,no cascading)
◆ Multi mode and single mode
◆ Single fiber solution
◆ Single or dual redundant power supply
◆ DIN Rail, Wall mount, rack or chassis configurations
◆ 5 years warranty

Typical System Configuration

Data Cable (depends on data type)
Multimode or singlemode fiber

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: 850/1310nm,SM: 1310/1550nm
Number of fibers	2 or 1
Power	
Power Input	9~30V DC
Mechanical	
Dimensions	43(W)×88.5(D)×124.5(H)mm DIN Rail

BUENO ELECTRIC

Ordering Information:

Model Number	Description	Fiber No.	Fiber Mode	Fiber Connector
BE-CAN-FO-P1M	Point to Point Link,Single Fiber(BI-DI), 2km, DIN Rail mount	1	Multi Mode	ST/SC/FC
BE-CAN-FO-P2M	Point to Point Link,Dual Fiber, 2km, DIN Rail mount	2	Multi Mode	ST/SC/FC
BE-CAN-FO-P1S	Point to Point Link,Single Fiber(BI-DI), 20km, DIN Rail mount	1	Single Mode	ST/SC/FC
BE-CAN-FO-P2S	Point to Point Link,Dual Fiber, 20km, DIN Rail mount	2	Single Mode	ST/SC/FC
FIB-100PT-P1M	Point to Point Link,Single Fiber(BI-DI), 2km, Wall or rack mount	1	Multi Mode	ST/SC/FC
FIB-100PT-P2M	Point to Point Link,Dual Fiber, 2km, Wall or rack mount	2	Multi Mode	ST/SC/FC
FIB-100PT-P1S	Point to Point Link,Single Fiber(BI-DI), 20km, Wall or rack mount	1	Single Mode	ST/SC/FC
FIB-100PT-P2S	Point to Point Link,Dual Fiber, 20km, Wall or rack mount	2	Single Mode	ST/SC/FC
FIB-100BT-M2M	Multi-drop Link,Dual Fiber(BI-DI), 2km	2	Multi Mode	ST/SC/FC
FIB-100BT-M4M	Multi-drop Link,4 Fiber, 2km	4	Multi Mode	ST/SC/FC
FIB-100BT-M2S	Multi-drop Link,Dual Fiber(BI-DI), 20km	2	Single Mode	ST/SC/FC
FIB-100BT-M4S	Multi-drop Link,4 Fiber, 20km	4	Single Mode	ST/SC/FC
CAN-FIB-MIXED-P1M	Can Fiber Optic Switch, 2 CAN+2 Fiber	2	Multi Mode	ST/SC/FC
CAN-FIB-MIXED-P2M	Can Fiber Optic Switch, 2 CAN+4 Fiber	4	Multi Mode	ST/SC/FC
CAN-FIB-MIXED-P1S	Can Fiber Optic Switch, 2 CAN+2 Fiber	2	Single Mode	ST/SC/FC
CAN-FIB-MIXED-P2S	Can Fiber Optic Switch, 2 CAN+4 Fiber	4	Single Mode	ST/SC/FC