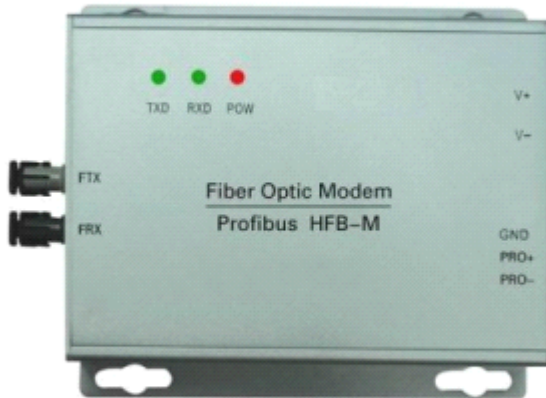


Profibus to Fiber Optic Converter



Product Description

The data series uses the most advanced digital technologies to provide excellent repeatable performance for today's data systems. It supports transmission of one bi-directional data channel over one multimode or singlemode optical fiber. profibus standards are fully supported. The plug-and-play design ensures ease of installation with no electrical or optical adjustment needed. LED indicators are provided to show the operational status of the unit clearly.

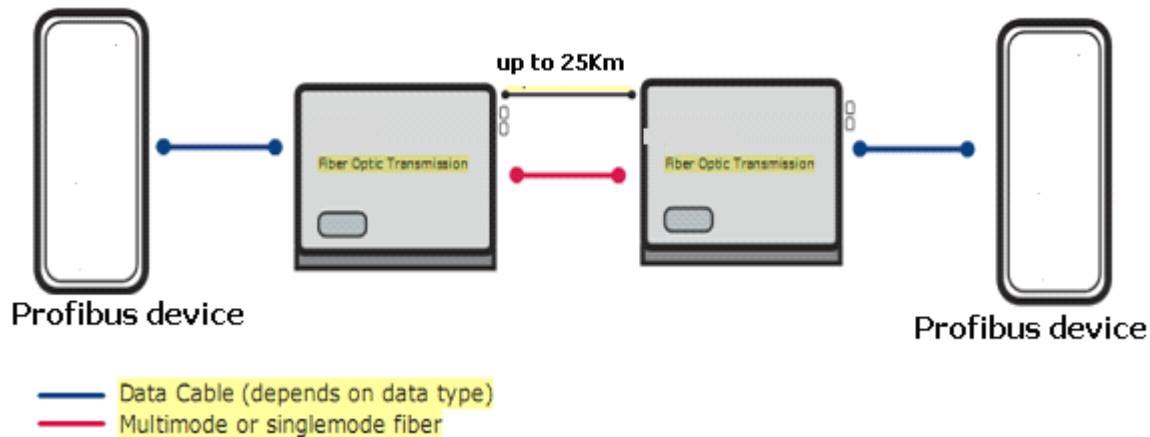
The series is available in compact wall mount or 2U chassis card.

The profibus Series converter is equipped with a multiple interface circuit that can handle profibus serial interfaces and multi-mode or single- mode fiber. profibus converters are used to extend serial transmission distance up to 2 km (multi-mode fiber) or up to 20-100km (single- mode fiber). .Auto Baud Rate DetectionThe profibus Series incorporates a method for automatically detecting the serial signal baud rate by hardware. This is an extremely convenient feature for the user. Even if a device's baud rate is changed, the signal will still be transmitted through the Profibus to fiber converter without any problem.

Product Features

- ◆ Up to 1.5Mbps data rate
- ◆ Multimode and singlemode
- ◆ Single fiber solution
- ◆ Wall mount, rack or chassis configurations

Typical System Configuration



Specifications

Data	
Data Formats	Siemens Profibus,RS-485
Profibus Data Rate	1.5Mbps
Bit Error Rate	<1 x 10 ⁻¹²
Connectors	
Data	Screw Block Terminal
Fiber	ST, SC or FC (ST fitted as standard)
Environmental	
Operating Temperature	-30C---+70C
Storage Temperature	-40C---+90C
Operating Humidity	0-95%
MTBF	>100,000 Hours
Optical	
Fiber	Multimode or Singlemode
Wavelength	MM: 850nm,SM:1310nm
Number of fibers	2 or 1(WDM,Bi-Di)
POWER	
Power Input	AC 220V 110v or DC+110V +5V +12V +24V +48V Option
Mechanical	
Dimensions	125(L)×110(W)×36(H)Wall Mount & DIN Rail