RS-232/RS-485/RS-422 Fiber Optic Converter

Model：MWF201-KG

◆ **Brief introduction**

The RS232/485/422 fiber optic modem can be used for transfer the RS232 or RS485 or RS422 signal by using fiber line.It could protracting the distance of communication and resisting the disturbing.

◆ **Main Function**

●RS-232 or RS-485 or RS-422 ports can be chosen;

●Internal intelligent module,auto recognize RS485 signal flow, no need CTS control;

●Transparent data communication,baud rate adapted,no need to resetting user contract;

●Industry level design, excellent import element chosen, all surface adhibit technics.

◆ **Capability parameter**

Power Supply	DC5～30V
Working current	<20mA
Baud Rate	300～115.2Kbps
Communication distance	Multi mode 5km,single mode 20km(40km,60km,80km can be chosen)
serial port	7ways industrial terminal block
Optic port	SC,ST,FC can be chosen
Wavelengh	Multi mode 850nm/1310nm,Single Mode 1310nm/1550nm
Fiber type	Multi mode 62.5/125μm or 50/125μm,single Mode 9/125μm
Transmission power	≥-8dBm
Incept delicacy	≤-20dBm
Dimension and Weight	78mm×85mm×25mm, 108g (Hung) 126mm×72mm×34mm, 0.4kg (DIN-Rail)
Working temperature	-40℃～85℃

◆ **Attention**

●Indication light

The MWF201 have Three indication light,PWR light is for power,TX light shows sent the data to external,and RX light shows receive the data from externa.

NOTICE:the power polarity,wrong connection will damage the equipment.

◆ **PIN Setting**

The RS232/485/422 signal port is a industrial terminal block as below：
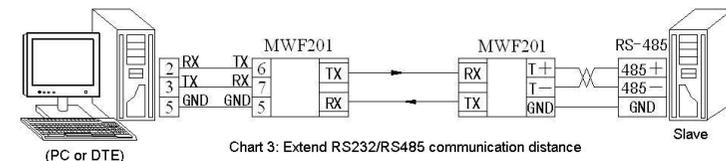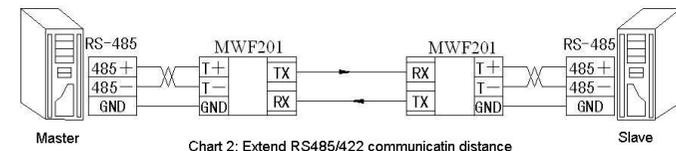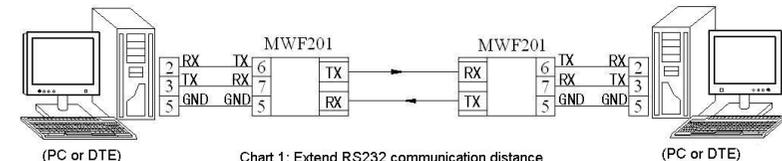
Din-rail type :7 pins terminal block:

pin	1	2	3	4	5	6	7
def	T+	T-	R+	R-	GND	TXD	RXD
signal	RS-485/RS-422					RS-232	

Notice:The MWF201 RS-485/422 port is auto adapte.When used RS-485 port,it connect with pin 1,pin 2,pin 5 these three pin:pin 1 is A+(485+),pin 2 is B-(485-) and pin 5 is GND.

When used RS-422 port,it conenct with pin1,pin2,pin3,pin4,pin5,pin 1 is T+,pin 2 is T-,pin 3 is R+,pin 4 is R-,pin 5 is GND.

The pin5,pin 6,pin 7 are RS-232 port:pin 5 is GND, pin 6 is TXD(sent signal),pin 7 is RXD(receive signal).

◆ **Application**

Chart 1: Extend RS232 communication distance

Chart 2: Extend RS485/422 communicatin distance

Chart 3: Extend RS232/RS485 communication distance

◆ **Quality promise**

1.We can exchange the product in 1 years for the quality problem.

2.We guarantee to keep the product in good repair for 5 years.