

RS232 Port-powered Isolator for 3wires Signals

Model: MWE232 – B

◆ Brief introduction

The MWE232-B achieves the isolation of RS-232 TX,RX,GND 3 wires signals.It is port-powered that no need external power supply.It's also plus-and-play supported.

◆ Main function

- Technology of stealing current from serial port,no need RTS,DTR support;
- Particular protecting circuit for the serial port, hot-Swappable;
- Industry level designing,excellent import element chosen,all surface adhibitting technique.

◆ Capability parameter

Power Supply	current from serial port,no need external power supply
Working Current	<10mA
Baud rate	300~38.4Kbps
Communication distance	Max 10m
Signal type	TX、RX、GND
Isolation protection	15Kv static and 600W/ms lightning protecting
Weight	24g
Dimension	63mm×33mm×16mm
Working temperature	-40℃~85℃

◆ PIN Setting

●Isolation DB-9 Female

PIN	2	3	4	6	7	8	5
Define	TX	RX	short circuit		short circuit		GND

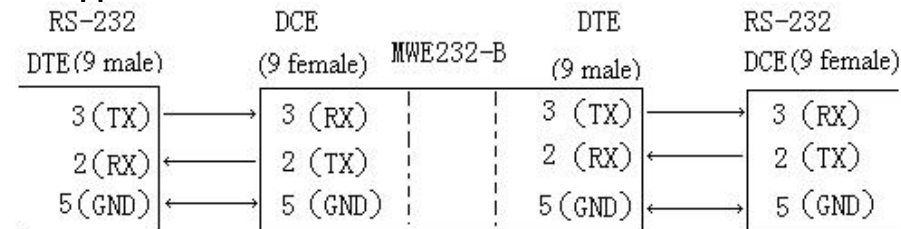
●Isolation DB-9 male

PIN	2	3	4	6	7	8	5
Define	RX	TX	short circuit		short circuit		GND

●DB25(pin)and DB9(pin)corresponding

PIN(DB25)	2	3	4	5	6	7	8	20	22
PIN (DB9)	3	2	7	8	6	5	1	4	9
Define	TX	RX	RT S	CT S	DS R	GN D	DC D	DT R	RI

◆ Application



As schematics shows,MWE232-B isolation is using DB9 pin and DB9 hole standard with DCE and DTE equipment. So you should connect with MWE232-B diretly.

◆ Attention

About DCE and DTE specification:

RS-232 connection socket either with DTE or DCE socket,DTE including PC , Terminating , Printer with serial port and so on.DCE usually get modem and some ethernet with COM or DCE socket.As stardard DTE should be have one pin(male out)DCE should be have one pin(female out).

◆ Quality promises

- 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.