

High-rate Isolator for 3wires RS-232 Signals

Model: MWE232 – C

◆ Brief introduction

The MWE232-C achieves the isolation of RS-232 TX,RX,GND 3 wires signals and protect the RS-232 port. It needs a external power supply of 5V DC. It's also plus-and-play supported.

◆ Main function

- Optic-isolation with high baud rate;
- particular protecting circuit for the serial port, hot-Swappable;
- Industry level designing,excellent import element chosen,all surface adhibitting

technique.

◆ Capability parameter

Power Supply	DC5V±5%
Working current	<10mA
Baud rate	300~115.2Kbps
Com Distance	Max 10m
Signal type	TX、RX、GND
Isolation protection	15Kv static protecting and 600W/ms lightning protecting
Weight	24g (not include terminal block)
Dimension	63mm×33mm×17mm
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	short circuit	short circuit	GND

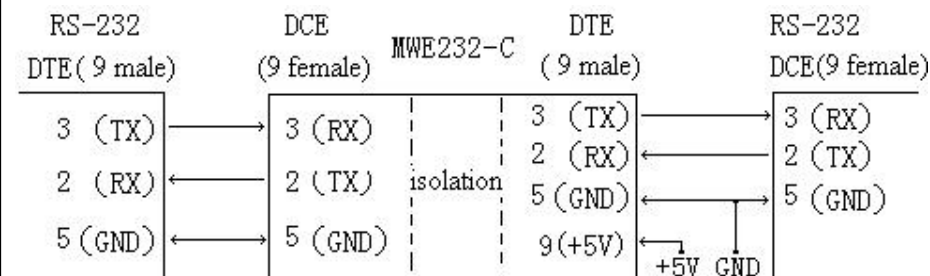
- Isolation DB-9 male

PIN	2	3	4	6	7	8	5	9
Define	RX	TX	short circuit	short circuit	short circuit	short circuit	GND	5V

- 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	RTS	CTS	DSR	GND	DCD	DTR	RI

◆ Application



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