

Port-powered Isolator for 7-wires RS-232

Model: MWE232 – A

◆ Brief introduction

The MWE232-A is port-powered isolator for RS-232 full signals communication. no need external power supply.

◆ Main Function

- Port-powered, no need RTS, DTR support power;
- Particular protecting circuit for the serial port, hot-Swappable;
- Industry level design, excellent import element chosen.

◆ Capability parameter

Power Supply	Powered from serial port, no need external power supply
Working Current	<10mA
Baud rate	300~19.2Kbps
Communication distance	15m
Signal type	TX, RX, CTS, RTS, DTR, DSR, GND
Isolation protection	15Kv static protecting and 600W/ms lightning
Weight	31g
Dimension	63mm×33mm×17mm
Working temperature	-40℃~85℃

◆ PIN Setting

● DB-9 Female

PIN	2	3	4	6	7	8	5
Define	TX	RX	DSR	DTR	CTS	RTS	GN

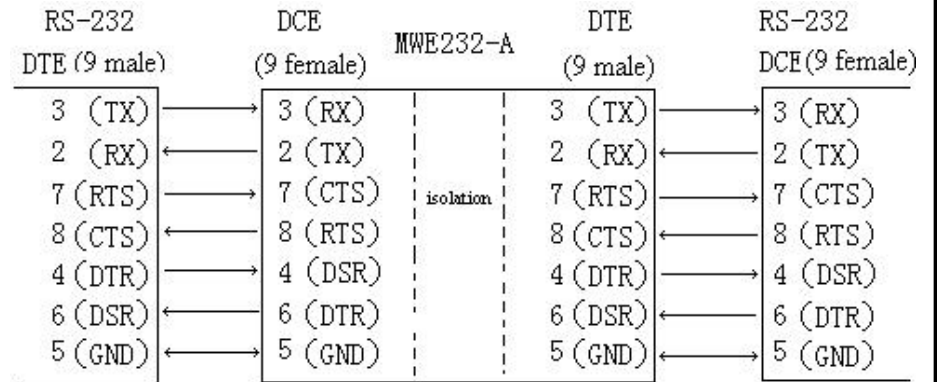
● DB-9 male

PIN	2	3	4	6	7	8	5
Define	RX	TX	DTR	DSR	RTS	CTS	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	T X	RX	RTS	CTS	DSR	GND	DCD	DTR	RI

◆ Application



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

◆ 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 standard 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.