Model232I

RS-232 Isolation Protector

3One data

Introduction:

Model232I is a kind of RS232 system communication serial port optic isolation product. This product support transmission rate as high as 912600bps, no external power needed, optic electric isolation 5KV, is applicable in tough environment. According to different customer need, separately corresponds to three line serial port application with RTS/CTS (or DTR/CTS). Transmission distance at 9,600bps is 10m, stable performance.

Packing List:

Model232I is shipped with following items.

1. Model232I × 1
2. User manual × 1

Features:

1. Plug-and-play
2. Port-powered, lowest consumption
3. Auto sense serial signal rate
4. Isolation serial device(RS-232)
5. 5000V isolation
6. 300~912600bps baud rates

Specifications:

Performance parameter

Standard: EIA RS-232 standard

RS-232 signal: TXD,RXD, GND

Working: asynchronism, point to point

Transfer rate: 300-115200bps,auto sense serial signal rate

Isolate signal: TXD,RXD, GND

Transfer distance: 5m

RS-232 port protection: 600W surge,15KV ESD protection

Isolation: 5000V

Port type: DB9F, DB9M, or DB25F, DB25M,optional

Environment index

Working environment: -10°C to　60°C

Storage temperature: -40°C to 85°C

Relative humidity 5% to 95%

Appearance guideline

L×W×H: 90mm×33mm×16.5mm (DB9)
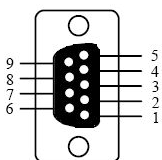
　　　65mm×55mm×16.5mm (DB25)

Shell: Plastic
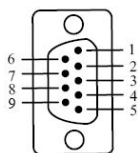
Color: White

Weight:30g (DB9),50g(DB25)
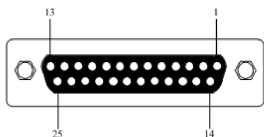
Warranty: 5 years

Pinout Configuration:

In the RS-232 end of Model232I there are two types of interface, such as DB9 male (DTE) and DB9 female (DCE),in addition, you can select the DB25 form interface. When purchase, you can select RS-232 serial port type according to your demand.
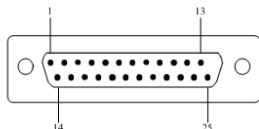

DB9F（Female/hole）　　　　　DB9M（Male/needle）

DB25Female/hole）　　　　　DB25Male/needle）

DB9:

   DB9F (Female/hole)

   　　　2 TXD　　**3** RXD　　**5** GND

   DB9M (Male/needle)

   　　　2 RXD　　**3** TXD　　**5** GND

DB25:

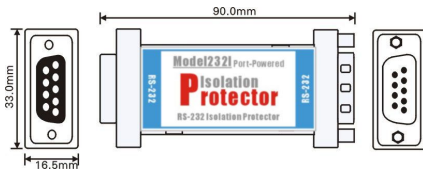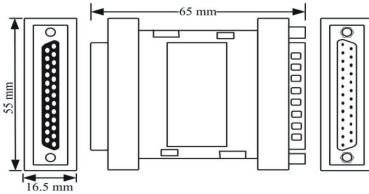**DB25F (Female/hole)**

2 RXD   **3** TXD   **5** GND

DB25M(Male/needle)

2 TXD   **3** RXD   **5** GND

Applications:

Point to point communication, industrial gathering and disperse distribution system, all kinds of remote control and measurement system, POS, banking, insurance, stocking, canteen meal selling system, transport billing system, all kinds of PLC, digital power meter, gas meter.

Dimensions:

DB9:

DB25:

Certifications:

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