

RS 232 Serial Port Isolator

The RS 232 Serial Port Isolator - ISO 232 M is primarily intended to provide complete Isolation between expensive computer or system from the serial device, so that they are protected against any inadvertent damage due to electrical disturbances. The ISO 232 M also provides necessary immunity to a Computer or a System against Electrical Noise and differential ground.

ISO 232 M is available as a compact unit enclosed in a plastic casing, which takes power from the supplied Power adaptor.

The Converter is populated with Surface Mount components for good reliability and to reduce the size. At the same time, it is equipped with good and reliable Isolation to Data signals and Protection to Serial Port from high voltage (2500 V).

ISO 232 M



Features & Specifications

Interface	
Serial	RS 232 C
Connectors	9 Pin D - Type Female to DTE side 9 Pin D - Type Male to DCE side
RS 232	
Maximum Cable Length	15 metres
Signal Isolation	Provides Optical Isolation to signals
Power Isolation	> 2500 V Isolation between the RS 232 ports
Serial	
Baud Rate	300 to 115200 baud, can support higher speed upto 460 Kbps
Indicators (LED)	
Transmit Data (TxD)	Yellow
Receive Data (RxD)	Green
Power ON	Red
Power	
Input	External Adaptor with 5 V DC at 500 mA
Environmental	
Operating	0 °C to 70 °C
Storage	-40 °C to 85 °C
Packaging	
Dimensions (LxWxH)	91mm(L) x 43mm(W) x 21mm(H)
Weight	10g
Warranty	12 Months
Component Used	Complies with EIA/TIA - 232E, UL1577, IEC 60747- 5 - 2

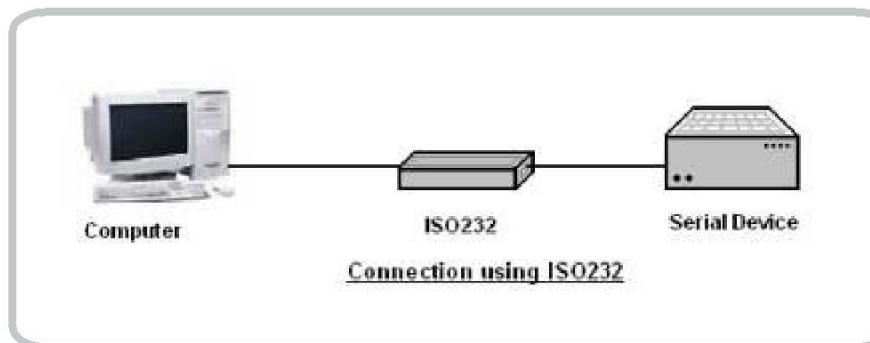
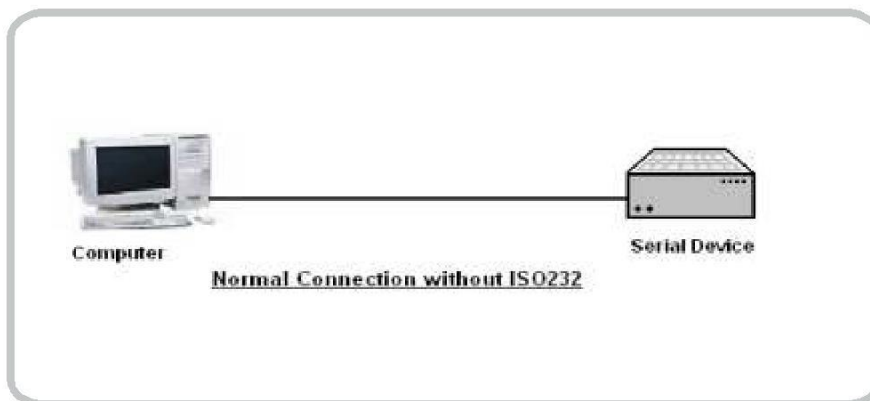
Applications

- High noise data communications.
- Industrial Communications.
- Telecommunication Diagnostic Ports.
- Medical Equipment.
- Any other expensive devices.

ISO 232 M



ISO 232 M Functionality



Model Number	Description
ISO 232 M1	Isolator with TxD, RxD and Ground signals only.
ISO 232 M2	Isolator with TxD, RxD, RTS, CTS and Ground signals only.
ISO 232 M3	Isolator with TxD, RxD, RTS, CTS, DTR, DSR and Ground signals only.
ISO 232 MF	Isolator with TxD, RxD, RTS, CTS, DTR, DSR, RI, DCD and Ground signals.

Sparr Electronics Limited

No.414A, 7th Main Road, 1st Block, HRBR Layout, Banaswadi , Bangalore - 560 043, INDIA.

Bangalore: +91-80-41278033
Mumbai: +91-22-26655375

For more details visit:
<http://www.sparrl.com> E-mail: info@sparrl.com

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