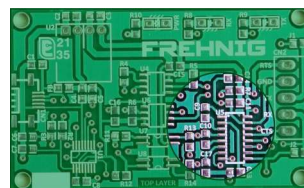




HIGH SPEED-ISOLATED
USB CONVERTER

Made in India



Precise design - industrial grade

Applications



process instruments



industrial gateways



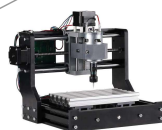
serial modem



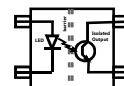
development boards



vfd drives



cnc devices



Optically Isolated signal

Devices



Supply -Ground isolation



High speed USB chipset

F-232 USB- Serial Converter

Applications

RS-232 interface for

- VFD drives
- Instrumentation
- Flowmeters
- Data Acquisition
- Embedded design
- Wireless communication interfaces
- EPABX interface
- CNC interface

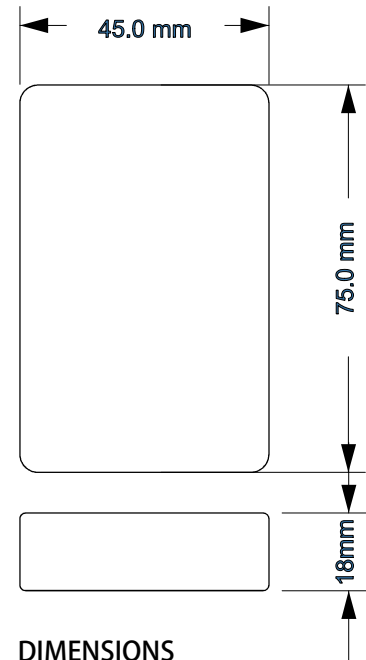
Features:

USB powerd , No external power is needed
Both Power and Data are Galvanically Isolated
ESD Protection for USB
Power , Transmit & Receive LEDs for easy status
Standard Chipset software which installs the serial Port
Pluggable Connectors for easy insert & remove
Small form-factor for Wall or Panel installation
Data transfer rates from 300 baud to 3 Mbaud for UART

FREHNIG FL-232 converter, has been designed for industrial use. Many devices use the RS-232 serial port for communication. Newer computers do not have serial ports as standard. When PCI cards are added the PC ground and the external device ground get connected and the chances of the PC getting damaged is very high.

The FL-232 has isolation for both the data lines and the power and ground lines . therefore there is an inherent safety for your computer /Laptop.

A simple driver installation, creates a virtual serial port in the . Multiple devices can also be added via various USB ports. The LEDs indicate power on and data transmit and receive status.



SPECIFICATIONS:

Working Voltage	: 5V DC - USB powered
Current Consumption	: 130mA
Max. Data Transfer Rate	: 500 kbps
Baud Rates	: (All standard baud rate supported)
Driver	: USB Driver Single Driver supports Windows 32-64 XP/NT/Vista/7/8/10 (No driver required on Linux)
Temperature range	: -40 to +85 ° C (-40 to 185 F)
USB Port	: Mini-B (MiniUSB)
Cable	: Provided with the device
Box Dimension	: 45x70x18mm
Box Material	: ABS

FREHNIG

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ISO 9001 : 2008

