

Isolated RS485 to USB Converter

i485

Isolated RS485 to USB Converter

Process Precision Instruments

Vasai Road (E), Dist. Palghar - 401210,
Maharashtra, India

www.ppiindia.net



Salient Features

- Fast, Stable & Reliable Communication
- Onboard Power Supply Isolation Provides Stable Isolated Voltage
- Onboard Digital Isolation Allows Signal Isolation, High Reliability, Strong Anti-Interference & Low Power Consumption
- Onboard TVS (Transient Voltage Suppressor) for Protection Against Surge Voltage & Transient Spike Voltage
- Lightning-proof & Anti-Electrostatic
- Onboard Protection Diodes Ensure Protection Against Over-current / Over-voltage & Improve Shock Resistance
- Two LEDs for Transceiver Status (Rx/Tx) Indication
- Rugged, Light Weight, Wall-Mount Aluminum Housing
- Dimensions (mm) : 48(H) X 98(W) X 25(D)

General Information

Product Type	Isolated RS485 to USB Converter
Ordering Code	i485
Quantity	1 Unit
Accessories	1 Meter Type A - B USB Cable

Isolated USB to RS485 Converter

General Specification

Baud Rate	300 bps to 300 Kbps
Host Port	USB
Device Port	RS485

USB Port

Operating Voltage	5 VDC
Interface Type	USB-B
Transmission Distance	5 Meters Max.

RS485 Port

Interface	3 - Screw Terminals (B-, A+, GND)
Direction Control	Automatic
Transmission Distance	1200 Meters Max. (At lower baud rate)
Max. Devices (Loop)	16 (use repeater for more devices)

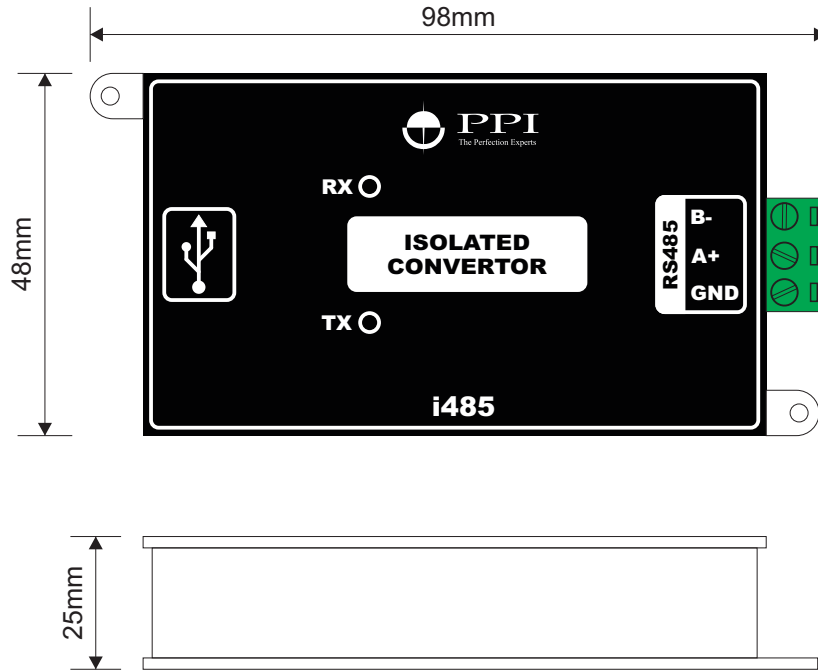
Operating Environmental

Temperature Range	-15°C to +70°C
Humidity Range	5 %RH to 95 %RH

Physical

Mounting	Wall / Base Mount using 2 screws
Overall Dimensions	48(H) X98(W) X 25(D), mm
Enclosure Material	1.6 mm light weight aluminum
Weight	200 gm, Appx.

Connections & Dimension



Process Precision Instruments (An ISO 9001 : 2008 Company)

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