SIN.EQUSB232 - QuickStart Guide

Cavo seriale da USB a RS232

1.OVERVIEW

- Cavo nero, connettore USB trasparente
- 1,8m lunghezza
- In modo semplice e veloce consente il collegamento tramite USB di dispositivi con interfaccia RS232.
- Facile da collegare al level converter M-Bus SIN.EQLC250 o SIN.EQLC1
- LED Tx e Rx danno un'indicazione visiva del traffico

2. APPLICAZIONE TIPICA

- USB a seriale RS232 level converter
- Da utilizzare con il software "**Equobox Toolkit V2**" per la lettura di dispositivi M-Bus attraverso il level converter SIN.EQLC250 o SIN.EQLC1

- Utilizzo con software di terze parti per la lettura di dispositivi M-Bus attraverso SIN.EQLC250 o SIN.EQLC1*.

*** Per la compatibilità, fare riferimento al manuale del software**

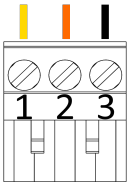
3. DRIVER SUPPORTATI

Esenti da diritti VIRTUAL COM PORT (VCP) DRIVERS per..

- Windows 7
- Windows 8 / 8.1
- Windows 10
- Windows Server: 2008 R2 / 2012 R2 / 2016
- Windows CE: 4.2 to 5.2 / 6.0 / 7.0 / 2013
- Linux Ubuntu 11.10, kernel 3.0.0-19
- Mac OS X 10.3 e successivi

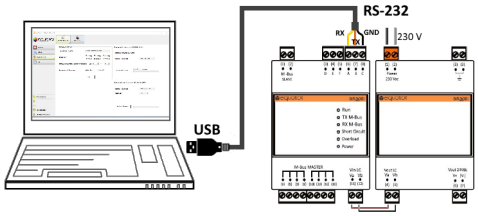
4. DESCRIZIONE DEI SEGNALI

Colore	PIN	Lato PC	Lato Level Converter (LC)	Descrizione
Nero	3	GND	GND	Pin di alimentazione a terra del dispositivo
Arancione	2	TXD	B	PC: Trasmissione Asincrona uscita dati LC: Ricezione dati asincroni Ingresso dati
Giallo	1	RXD	A	PC: Ricezione dati asincroni Ingresso dati LC: Trasmissione Asincrona uscita dati

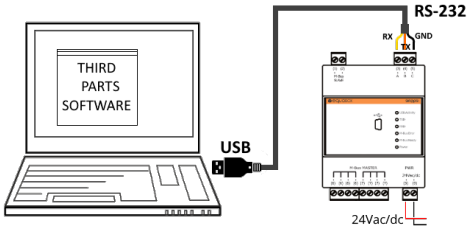


5. CONNESSIONI

Le seguenti figure mostrano come collegare il SIN.EQUSB232 su SIN.EQLC250 e SIN.EQLC1.



Connessione al SIN.EQLC250



Connessione al SIN.EQLC1

RISOLUZIONE DEI PROBLEMI

1) Il SIN.EQUSB232 non viene riconosciuto dal PC
- Controllare che il connettore USB sia collegato correttamente
- Controllare che i driver siano installati correttamente.

2) I driver non sono installati
- Controllare e installare l'ultima versione. Ricerca automatica dei driver.

3) Il PC non trova e installa i driver SIN.EQLC250
- Controllare la connessione internet.
- Cerca i driver su **https://www.ftdichip.com/Drivers/VCP.htm**

SIN.EQUSB232 - QuickStart Guide

USB to RS232 serial

1. OVERVIEW

- Black cable, Trasparent USB connector
- 1.8m length
- It provides a fast, simple way to connect devices with a RS232 interface to USB
- Easy way to connect to the M-Bus level converter SIN.EQLC250 or SIN.EQLC1
- Tx and Rx LEDs which give a visual indication of traffic
- It is FCC, CE, RoHS compliant

2. TYPICAL APPLICATION

- USB to serial RS232 level converter
- Use with "**Equobox Toolkit V2**" software to readout M-Bus devices through level converter SIN.EQLC250 or SIN.EQLC1

- Use with third parts software to readout M-Bus devices through SIN.EQLC250 or SIN.EQLC1 (*)

*** For compatibility, refer to the software manual**

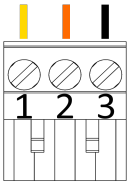
3. DRIVER SUPPORT

Royalty free VIRTUAL COM PORT (VCP) DRIVERS for..

- Windows 7
- Windows 8 / 8.1
- Windows 10
- Windows Server: 2008 R2 / 2012 R2 / 2016
- Windows CE: 4.2 to 5.2 / 6.0 / 7.0 / 2013
- Linux Ubuntu 11.10, kernel 3.0.0-19
- Mac OS X 10.3 and above

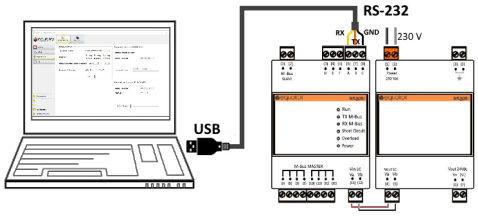
4. SIGNAL DESCRIPTIONS

Colour	PIN	PC side	Level Converter (LC) side	Description
Black	3	GND	GND	Device ground supply pin
Orange	2	TXD	B	PC: Transmit Asynchronous Data output LC: Receive Asynchronous Data input
Yellow	1	RXD	A	PC: Receive Asynchronous Data input LC: Transmit Asynchronous Data output

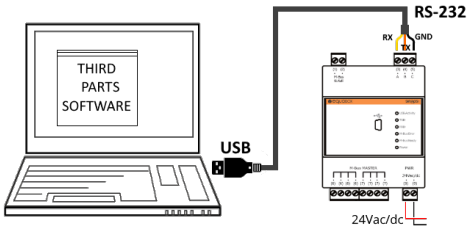


5. CONNECTIONS

The following figures show how to connect the SIN.EQUSB232 on SIN.EQLC250 and SIN.EQLC1.



Connection to SIN.EQLC250



Connection to SIN.EQLC1

TROUBLESHOOTING

1) The SIN.EQUSB232 is not recognized by the PC
- Check that the USB connector is properly connected
- Check that the drivers are correctly installed.

2) The drivers are not installed
- Check and install the latest version. Search for drivers automatically.

3) The PC don't find and install the SIN.EQLC250 drivers
- Check the internet connection.
- Search drivers on **https://www.ftdichip.com/Drivers/VCP.htm**