# **USB to RS-485 PC Adapter**

# USB-485M \$60.00

Convenient 2-wire USB to RS-485 serial communication adapter for universal RS-485 use (GS drives, SureServo servos, Solo temperature controllers, CLICK PLCs, etc.). Does not require an external power supply or complicated configuration process.

#### Features:

- Type A (plug) USB connector
- Universal female RJ45/RJ12 modular connector (accepts RJ12 & RJ45 plugs)
- Supports multiple baud rates
- USB v2.0 compliant
- RoHS compliant
- · CE compliant

<b>Specifications</b>		
Description	USB TO RS-485 PC Adapter; includes (2) RJ12 cables, instructions	
Component Compatibility *	GS series AC drives – GSOFT/GSOFT2 configuration software & Modbus polling Ironhorse AC drives – VFD Suite configuration & Modbus polling Toshiba AS3 AC drives – ASD Pro configuration software & Modbus polling SureServo(2) servo drives – SV(2)-PRO configuration software & Modbus polling** SOLO process controllers – SU-SOFT configuration software SOLO process controllers – Modbus polling CLICK PLCs – Modbus polling Productivity PLCs – Modbus polling	
Power Supply	No external power supply needed	
Power Consumption	0.4 W	
Voltage Isolation	3000 VDC	
Baud Rates Supported	75, 150, 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200 (bps)	
Transmission Type	RS-485 half-duplex (2-wire)	
LED Display	Steady Green LED ON: power is ON. Blinking orange LED: data is transmitting.	
USB Connector	Type A (plug)	
RS-485 Connector	RJ45	
Compatibility	USB v2.0 specification	
PC Compatibility	Windows Operating System required for bridge & driver installation: 32-bit driver: Windows 7, 8, 8.1, 10 64-bit driver: Windows 7, 8, 8.1, 10	

<sup>\*</sup> NOT compatible with DirectSOFT PLC software.

(DirectSOFT RS-485 programming requires 4-wire full-duplex data transmission.)

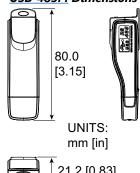
## Components Included:

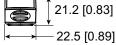
- Adapter
- Cable 6-wire RJ12 crossover; 2m [79 in] (for plug & play connectivity to GS drives)
- Cable 2-wire RJ12–flying leads; 2m [79in] (for universal RS-485 connectivity to SureServo, Solo, etc.)

### USB-485M



### **USB-485M Dimensions**





# <u>USB-485M</u> RJ-45 Pin-out





Pinout		
Pin	Description	
1	reserved	
2	reserved	
3	reserved	
4	SG+	
5	SG-	
6	reserved	
7	reserved	
8	reserved	

<sup>\*\*</sup> Requires <u>SVC-485CFG-CBL-2</u> cable.