



Description

- USB to RS-422/RS-485 CONVERTER: RM-012N-D is a device that converts signals from RS-422/RS-485 to USB or USB to RS-422/RS-485.
- Capable of signal transmission over distances up to 1.2 km.
- Communication speed: Auto Baud Rate Max. 115.2 kbps.
- A single RM-012N-D unit can support a connection of up to 128 devices.
- Features LED status indicators for RS-485, USB, Tx, Rx.
- 9 VDC Adaptor to provide power to the RM-012N-D.

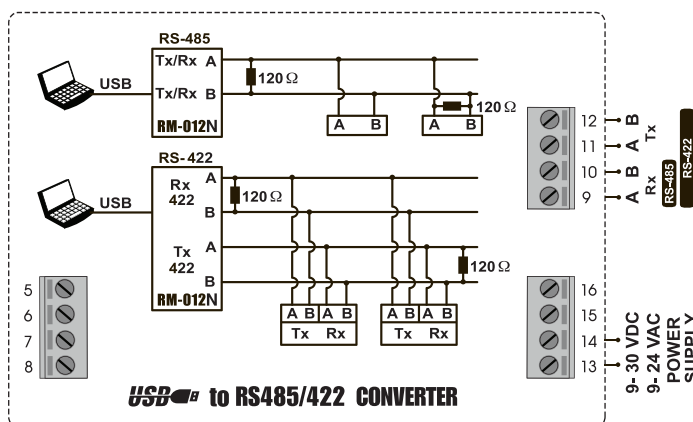
Specification

Power Supply	9-24 VAC, 9-30 VDC or Supply from USB*	
Power consumption	3.5 VA	
Display	USB POWER LED	
	RS-485 POWER LED	
	Tx LED	
	Rx LED	
Input	USB	
Output	RS-485 or RS-422	
	Distance	Maximum 1.2 km.
Communi- cation	Baud Rate	1,200 to 115, 200 bps.
	Support Device Node	128 Node
Ambient Operation	Temperature	-10 °C to 60 °C
	Humidity	<85 % RH Non-Condensing
Ambient Storage	Temperature	-0 °C to 80 °C
	Humidity	<85 % RH Non-Condensing
Protection Degree	IP20	
Installation	DIN RAIL	
Material	ABS-V0	
Size (mm.)	113 x 23 x 110 mm.	
Weight	100g.	

Operation

RM-012N-D is a device used to convert RS-485 and RS-232 signals to USB, allowing devices that support RS-485 or RS-232, such as controllers, CNC machines, and weighing scales, to communicate directly with a computer or software via USB.

Wiring Diagram



- Make sure the correct wiring connection before turning on electricity. Mis-wiring may cause malfunction of the unit and fire.
- Never modify the unit to prevent damage or incident such as malfunction and fire etc.

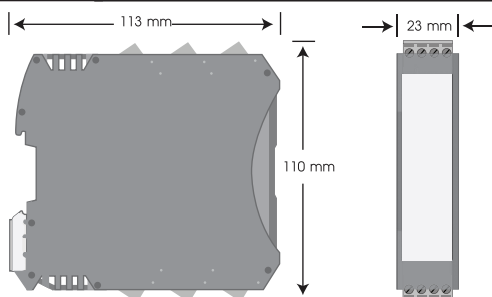
Accessories



RM-012N-1 : RS-422/RS-485 Repeater

- A device for extending the signal transmission distance to twice the original range.
- Baud Rate Max. 57.6 kbps.

Dimension



Installation



Ordering Code

RM-012N-	Port
	D
Port	
D	USB to RS-422/RS-485