

RS232 to RS422 Converter Part no. XS202



This bi-directional RS232 to RS422 converter is port-powered with an optional external power supply terminal. An internal amplifier supplies power from the RS232 port without initializing the RS232 interface. If the RS232 port is not capable of supplying sufficient power, the external power supply can easily be connected. It supports 4-wire RS422 communications of up to 300 - 115200bps in full-duplex. A simple and reliable solution for most general and industrial communication needs.

Pin no.	DB9 Female RS232 (DCE)
1	DCD
2	TXD
3	RXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI

RS422	
Pin no.	DB9 Male
1	TX+
2	TX-
3	RX+
4	RX-
5	GND
6	5 - 12VDC
7	
8	
9	

SPECIFICATIONS

Current consumption

Interface RS232

Interface RS422

Working mode

Transmission

Certifications

Dimensions

Schedule B

Warranty

ECCN

HTS

Static and protection

Handshake / flow

Operating Temp. Operating humidity

Standards

distance

control

Model number Baud rate

Power

XS202

300 - 115200bps

DB9 female connector

are tied together.

duplex differential

1500W, 600W/ms

Automatic

DTR, TXD)

< 10mA

together.

board

Port-powered from RS232 (RTS,

Pin 7 (RTS) and 8 (CTS) are tied

Pin 4 (DTR), 6 (DSR), and 1 (CD)

DB9 male connector and terminal

4-wire RS422 asynchronous, full-

RS422: Typical: 4000 FT. (1200m)

CE, FCC, RoHS ISO 9001 Certified

-40°F to 180°F (-25°C to 70°C)

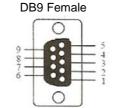
5% To 95% - No Condensation

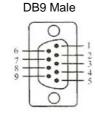
2.47" x 1.33" x 0.70" (62.8 mm x

EIA/TIA RS-232C / RS422

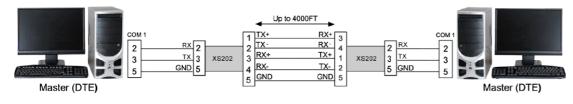
RS232: Typical: 15 FT (5m)

Optional external power: 5 - 12VDC



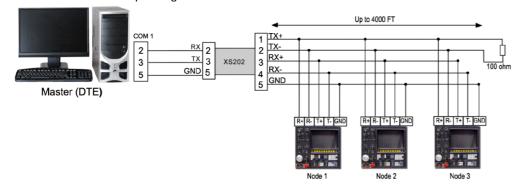


Extending communication distance with RS422



Notice: The remote RS232 end needs to be connected to a standard RS232 port. A loopback test will not work in this extension setup.

Master/Slave Multi-drop configuration with RS422



4A994.a 8471.80.1000 8517.18.0050 To access technical support, please visit the U.S. Converters website at: www.USconverters.com Here you will find:

33.8 mm x 17.8 mm)

1-year Limited Warranty

- Latest drivers and updates for download
- Technical tips
- Documentation
- Configuration support
- and much more...

Feel free to contact our technical support team at mail@usconverters.com with any issues.

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