Gearmo, Inc.
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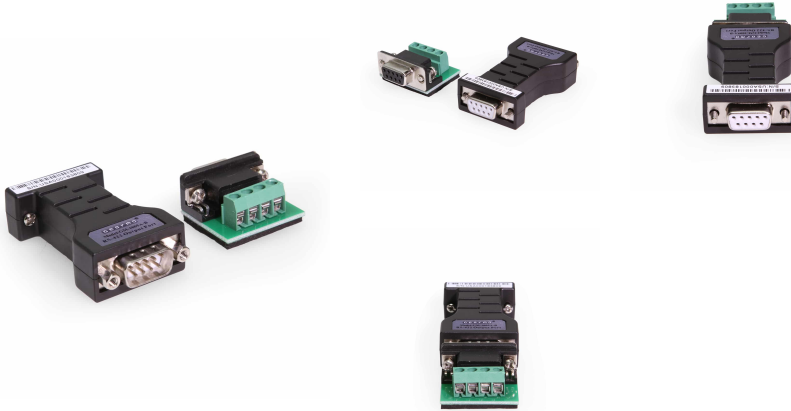**F:** +1-727-209-1302
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Technical Data Sheet Rev 06-240821

Industrial RS-232 to RS-422 Converter with Terminal Block
Model Number: **GM-1005A-B**

Features

- RS-232 DB9 female connector, RS-485 DB9 male connector, with terminal block
- Operating mode: asynchronous full-duplex, differential transmission
- Transmission media: twisted-pair or shielded cable
- Baud rate: 300bps-115.2kbps
- Transmission distance: 1,200m (RS-422); 5m (RS-232)

Package Contents

- 2-Pin Terminal Block
- Adapter

Specifications

OVERVIEW	
Model No	GM-1005A-B
Product Type	Serial Adapter
Compliance	None or N/A
UPC	045079162587
Country of Origin	China
LED indicators	None or N/A
Electrical Protections	N/A
PHYSICAL	
Ship Weight (lbs)	0.07 lbs
Ship Weight (kg)	0.03 kg
Item Weight	0.32 lbs
Length	2.48 inches
Width	1.30 inches
Height	0.67 inches
Material	Plastic
Color	Black
Mountable	N/A

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Specifications Cont.

CONNECTIONS

Connector(s)	DB9 Female w/ Screws | DB9 Male w/ Nuts
Maximum Data Rate	115.2kbps

SERIAL SPECS

Maximum Data Rate	115.2 kbps
Minimum Data Rate	300 baud/bps
Serial Modes	RS232 | RS422
RS232 Signals	ETH, RXD, SIN, TXD, SOUT, DTR, GND, DSR, RTS, CTS, RI
RS422 Signals	Full Duplex: T(A+), T(B-), R(A+), R(B-), GND, +5V
RS485 2-wire Signals	Half Duplex: RS-485 (A+), RS-485 (B-), N/C, N/C, GND, +5V

ENVIRONMENTAL

Operating Temperature	0C ~ 60C
Storage Temperature	-20C ~ 70C
Operating Humidity	15 ~ 85% RH

OS SUPPORT

Supported Operating Systems	OS independent - No software or drivers required

WARRANTY

Warranty Period	1 Year

PRODUCT URL

Product Page	https://www.gearmo.com/shop/industrial-rs-232-to-rs-422-converter-with-terminal-block/