

500-SERIAL

RS-232 to IEEE-488 Converter

PART NUMBER

500-SERIAL

RS-232 Interface—

Configuration: DCE with full duplex, echo on or off.
Format: 8-bit ASCII, no parity, 1 or 2 stop bits
Baud Rates: 300, 1200, 2400, 4800, 9600, 19200. Autobaud on carriage return, default to 1200 if others not detected.
Terminator: 500-SERIAL commands terminate on CR.
Control: Supports hardware handshake, CTS/RTS or XON/XOFF.
Buffer: >120 character input buffer.
Connector: Converter accepts 25-Pin Sub-D Male. Supplied cable/adaptor mates to computer's 9 or 25 pin male serial port.*

IEEE-488 Interface—

Controller Subsets: C1, C2, C3, C4 and C28
Expansion: Controls up to eight GPIB devices.
Terminator: LF or CR-LF
Byte Rate: 0.1 x Baud Rate
Connector: Plugs directly into instrument's GPIB port or cable.

General —

Power: Draws less than 5mA from DTR or DSR serial line, which must be set high (+12V, minimum)
Environment: 0 - 50°C, <90% RH (non-condensing)
Dimensions: 50mm X 60mm X 25mm (2" X 2.3" X 0.9")
Support: Example/Utility Disk for IBM PC or 100% Compatibles

* Low noise RS-232 cable and baud rate <10k required for distances >50 feet. See EIA RS-232-C standard.