500-SERIAL

Serial Port to IEEE-488 Converter

500-SERIAL for Serial Ports

The 500-SERIAL is an RS-232 to IEEE-488 converter. You can also use it with a modem for remote control of a data acquisition or instrumentation system.

The 500-SERIAL is compact and easy to use, requiring no external power cord or power supply to operate. It draws its power from the terminal or PC, using less than 5mA. It will even run off a battery-powered Notebook PC. Instrument commands are sent using simple one or two character commands to the 500-SERIAL. It even knows which baud rate to use, automatically initializing itself to the rate of the computer's serial port, up to 19,200 baud.

The 500-SERIAL comes with everything you need, including sample programs and utilities for MS-DOS computers, RS-232 cable, and 9- to 25-pin adapter cable.

- **Small size, low cost**
- **Operates IEEE-488 instruments up to 100 ft. from the PC**

Ordering Information

500-SERIAL
  RS-232 to IEEE-488 Converter with 15ft (4.6m) cable for connection to 9- or 25-pin Serial Ports

INTERFACE TO PC: RS-232: 300-19,200 baud: 8-bit ASCII, no parity, 1 or 2 stop bits. Connects to 25-pin suD male or 9-pin male through adapter cable

MAXIMUM TRANSFER RATE: $0.1 \times$ baud rate

NO. OF IEEE INSTRUMENTS: Up to 8

DIMENSIONS: 2in $\times$ 2.3in $\times$ 0.9in (5mm $\times$ 60mm $\times$ 25mm).

POWER: Draws less than 5mA from DTR or DSR serial line, which must be set high (+12V)

OPERATING TEMPERATURE: 0 to 50°C

RELATIVE HUMIDITY: 0 to 90% noncondensing

APPLICATIONS

- **Operate IEEE-488 instruments from PC serial port**
- **Remote control of instruments via modem**
- **Portable control of instruments from a notebook PC**

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