

Optional Serial Interface

Note: Serial versions of the actuator are set up for RS-232 as the factory default. For information on RS-485 operation, refer to “Serial Control: RS-485 Option” on page 9.

Establishing Serial Communication

Serial communication requires a terminal emulation or communication software (such as HyperTerminal®, included with Windows®) running on a PC-compatible computer. Set the serial port at 9600 baud, no parity, 8 data bits, 1 stop bit, no hardware or software handshaking.

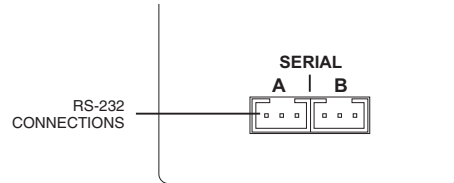


Figure 7: Serial connectors on rear panel

With the software running, check the bi-directional communication link between the keyboard/monitor of the computer and the serial port by typing `/?`<enter>. If the link is functioning, the following menu will appear on your monitor:

Control Command List

GO[nn]	- Move to nn position
HM	- Move to the first Position
CW[nn]	- Move Clockwise to nn Position
CC[nn]	- Move Counter Clockwise to nn Position
TO	- Toggle Position to Opposite
TT	- Timed Toggle
DT[nnnnn]	- Set Delay time for TT Command
CP	- Returns Current Position
AM[n]	- Sets the Actuator Mode [1] Two Position With Stops, [2] Two Position Without Stops, [3] Multi Position
SB[nnnnn]	- Set the Baud Rate to nnnnn
ID[nn]	- Set Device ID nn=(0-9, A-Z)
ID	- Reset ID to none
NP[nn]	- Set the Number of Positions to nn
SM[n]	- Set the Direction [F]orward, [R]everse, [A]uto
LRN	- Learn Stops Location
CNT[nnnnn]	- Set Cycle Counter
VR	- Firmware Version(s)
/?	- Displays This List