

Serial Commands		
Command	Modes*	Description
<b>AM</b> <enter>	1, 2, 3	Displays the current actuator mode
<b>AM</b> <i>n</i> <enter>	1, 2, 3	Sets the actuator mode to [1] two position with stops, [2] two position without stops, or [3] multiposition
<b>CC</b> <enter>	1, 2	Sends the actuator to Position B
<b>CC</b> <i>nn</i> <enter>	3	Sends the actuator counterclockwise to position <i>nn</i> (from 1 to NP)
<b>CNT</b> <enter>	1, 2, 3	Displays the current value in the actuation counter
<b>CNT</b> <i>nnnnn</i> <enter>	1, 2, 3	Sets the actuation counter from 0 to 65535. (For example, to reset the counter, type <b>CNT0</b> <enter>)
<b>CP</b> <enter>	1, 2, 3	Displays the current position
<b>CW</b> <enter>	1, 2	Sends the actuator to Position A
<b>CW</b> <i>nn</i> <enter>	3	Sends the actuator clockwise to position <i>nn</i> (from 1 to NP)
<b>DEL</b> <i>n</i> <enter>	1, 2, 3	Sets the command delimiter to [1] CR (default), [2] LF, or [3] CRLF
<b>DT</b> <enter>	1, 2	Displays the current delay time in milliseconds
<b>DT</b> <i>nnnnn</i> <enter>	1, 2	Sets the delay time from 0 to 65,000 milliseconds
<b>GO</b> <i>nn</i> <enter>	1, 2	Sends the actuator to position <i>n</i> , where <i>n</i> is A or B
	3	Sends the actuator to position <i>nn</i> (from 1 to NP) via the shortest route
<b>HM</b> <enter>	3	Moves the valve to position 1 (home)
<b>ID</b> / <enter>	1, 2, 3	Sets the ID of the actuator to / (Must be 0-9 or A-Z)
<b>*ID*</b> <enter>	1, 2, 3	Resets the ID to None
<b>IFM</b> <i>n</i> <enter>	1, 2, 3	Sets the interface response mode to [0] no response string when an action command is sent, [1] basic response to action commands, or [2] extended response to action commands (needed for BCD interface)
<b>LG</b> <i>n</i> <enter>	1, 2, 3	Sets the interface response mode to [0] no extra characters, or [1] longer response string to be fully backwards compatible with VICI microelectric actuators
<b>LRN</b> <enter>	1	Forces the actuator to find the stops on a newly installed valve. (Note: The valve must be installed before this command is sent.)
<b>NP</b> <enter>	1, 2, 3	Displays the number of positions the actuator is currently set to index
<b>NP</b> <i>nn</i> <enter>	2	Sets the number of ports ( <i>nn</i> ) for the current valve. (Must be an even number between 2 and 40)
	3	Sets the number of positions ( <i>nn</i> ) for the current valve. (Must be an even number between 2 and 40)
<b>SB</b> <enter>	1, 2, 3	Displays the current baud rate
<b>SB</b> <i>nnnn</i> <enter>	1, 2, 3	Sets the baud rate to 48(00), 96(00), 192(00), 384(00), 576(00), or 1152(00). The parity setting, number of data bits, and number of stop bits cannot be changed.
<b>SM</b> <enter>	3	Displays the current default rotational direction
<b>SM</b> / <enter>	3	Sets the default rotational direction to [F] for forward rotation, [R] for reverse rotation, or [A] to automatically choose the shortest route.
<b>SO</b> <enter>	1, 2, 3	Displays the current offset value
<b>SO</b> <i>nn</i> <enter>	1, 2, 3	Sets the offset value of the first position to be any number from 1 to 96 minus the total number of positions. Example: for a 10 position valve, the offset can be set from 1 to 86.
<b>STAT</b> <enter>	1, 2, 3	Displays the status of the actuator
<b>TM</b> <enter>	1, 2, 3	Displays the amount of time required for the previous move, in milliseconds
<b>TO</b> <enter>	1, 2	Toggles the actuator to the opposite position
<b>TT</b> <enter>	1, 2	Toggles the actuator to the opposite position, waits a preset delay time, then rotates back to the original position.
<b>VR</b> <i>n</i> <enter>	1, 2, 3	Displays the current firmware version for [NULL], the main PCB, or [2] the serial interface PCB.
<b>/?</b> <enter>	1, 2, 3	Displays a list of valid commands

\* Modes are described on pages 4-5.

Notes