

Serial Commands		
Command	Modes*	Description
AM <enter>	1, 2, 3	Displays the current actuator mode
AMn <enter>	1, 2, 3	Sets the actuator mode to [1] two position with stops, [2] two position without stops, or [3] multiposition
CC <enter>	1, 2	Sends the actuator to Position B
CCnn <enter>	3	Sends the actuator counterclockwise to position <i>nn</i> (from 1 to NP)
CNT <enter>	1, 2, 3	Displays the current value in the actuation counter
CNTnnnnn <enter>	1, 2, 3	Sets the actuation counter from 0 to 65535. (For example, to reset the counter, type CNT0 <enter>)
CP <enter>	1, 2, 3	Displays the current position
CW <enter>	1, 2	Sends the actuator to Position A
CWnn <enter>	3	Sends the actuator clockwise to position <i>nn</i> (from 1 to NP)
DELn <enter>	1, 2, 3	Sets the command delimiter to [1] CR (default), [2] LF, or [3] CRLF
DT <enter>	1, 2	Displays the current delay time in milliseconds
DTnnnnn <enter>	1, 2	Sets the delay time from 0 to 65,000 milliseconds
GOnn <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
HM <enter>	3	Moves the valve to position 1 (home)
ID <enter>	1, 2, 3	Sets the ID of the actuator to / (Must be 0-9 or A-Z)
ID <enter>	1, 2, 3	Resets the ID to None
IFMn <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)
LGn <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
LRN <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.)
NP <enter>	1, 2, 3	Displays the number of positions the actuator is currently set to index
NPnn <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)
SB <enter>	1, 2, 3	Displays the current baud rate
SBnnnn <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.
SM <enter>	3	Displays the current default rotational direction
SM/ <enter>	3	Sets the default rotational direction to [F] for forward rotation, [R] for reverse rotation, or [A] to automatically choose the shortest route.
SO <enter>	1, 2, 3	Displays the current offset value
SONn <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.
STAT <enter>	1, 2, 3	Displays the status of the actuator
TM <enter>	1, 2, 3	Displays the amount of time required for the previous move, in milliseconds
TO <enter>	1, 2	Toggles the actuator to the opposite position
TT <enter>	1, 2	Toggles the actuator to the opposite position, waits a preset delay time, then rotates back to the original position.
VRn <enter>	1, 2, 3	Displays the current firmware version for [NULL], the main PCB, or [2] the serial interface PCB.
/? <enter>	1, 2, 3	Displays a list of valid commands

* Modes are described on pages 4-5.

Notes