

## Command Reference

- AM[n]** Sets the actuator mode or displays the current mode,  
where  $n =$  1 = two position with stops (factory default)  
2 = two position without stops  
3 = multiposition  
NULL = returns (via the serial port) the current mode
- Modes available: All (modes are discussed on pages 3 and 4)
- Examples**
- Command: **AM1**<enter>  
Sets the actuator mode to two position with stops
- Command: **AM**<enter>  
Returns: **AMn** [0x0D] ( $n$  = current mode setting)
- CC[nn]** Moves the actuator in a counterclockwise direction,  
where  $nn =$  1 to NP (See also **NP** command)
- Modes available: All (with restrictions – in two position modes,  $nn$  is not allowed)
- Examples** (multiposition, mode 3)
- Command: **CC3**<enter>  
Moves the actuator counterclockwise to position 3
- Command: **CC**<enter>  
Moves the actuator counterclockwise one position
- Example** (two position, modes 1 and 2)
- Command: **CC**<Enter>  
Moves the actuator from position A to position B. If the actuator is already in Position B, the command is ignored.
- CNT[nnnnn]** Displays the current number of actuation cycles, or resets the counter to zero,  
where  $nnnnn =$  0 to 65535
- Modes available: All
- In two position modes (1 and 2), the counter is incremented every time the valve moves. In the multiposition mode (3), the counter is incremented by the number of positions the valve moves; *i.e.*, moving from position 2 to position 4 increments the cycle count by 2.
- Examples**
- Command: **CNT**<enter>  
Returns: **CNTnnnnn** [0x0D] ( $nnnnn$  = current valve of counter)
- Command: **CNT0**<enter>  
Resets the cycle counter to 0 (zero)
- Command: **CNT100**<enter>  
Sets the cycle counter to 100
- CP** Displays the current position of the actuator
- Modes available: All (see below)
- Example** (two position, modes 1 and 2)
- Command: **CP**<enter>  
Returns: **CP** [0x0D] ( $n =$  'A' or 'B') ( $l$  = current position)
- Example** (multiposition, mode 3)
- Command: **CP**<enter>  
Returns: **CPnn** [0x0D] ( $nn$  = current position)