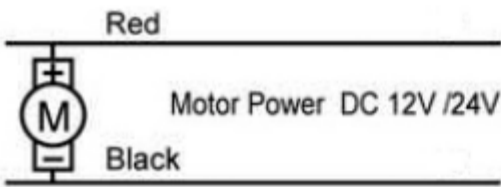




### Standard Features:

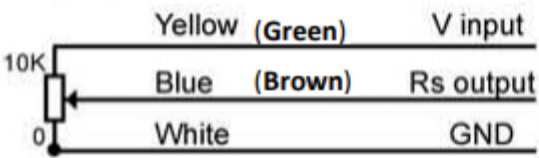
- Compact design
- All aluminum frame and extension tube
- Nominal stroke lengths: 2" [50mm], 4" [100mm], 6" [150mm], 8" [200mm], 10" [250mm], 12" [300mm]
- Input voltage: 12VDC, 24VDC
- Standard gear ratio: 20:1 [other ratios available]
- Rated load range: 34 lbs. [150 Newtons] –to- 225 lbs. [1000 Newtons]
- Maximum static load: 562 lbs. [2,500 Newtons]
- Maximum current draw: 3.2 Amps @ 12 VDC
- Speed at no load: 0.28 in/sec [7 mm/sec] –to- 1.73 in/sec [43.9 mm/sec]
- Speed at full load: 0.22 in/sec [5.5 mm/sec] –to- 1.44 in/sec [36.5 mm/sec]
- Standard preset limit switches at both ends of stroke
- Noise level: ≤70dB
- Mounting hole diameter (both ends): 1/4" [6.4mm]
- Duty cycle: 25% or 1 min continuous operation in 4 min.
- Working temperature: -13F [-25C] +149F [+65C]
- IP rating: IP65

### Electrical



With Potentiometer  
 Red + // Black - : Retract  
 Red - // Black + : Extend

Value of POT	
Stroke (in / mm)	Resistance
1.97 / 50	0.3 – 9.3K
3.94 / 100	0.3 – 9.7K
5.91 / 150	0.3 – 8.6K
7.87 / 200	0.3 – 9.6K
9.84 / 250	0.3 – 9.3K
11.81 / 300	0.3 – 9.3K
Tolerance: +/- 0.3K	
Values in this table are an approximation. Actual values will vary due to actuator configuration and construction.	



### Connector Wiring

