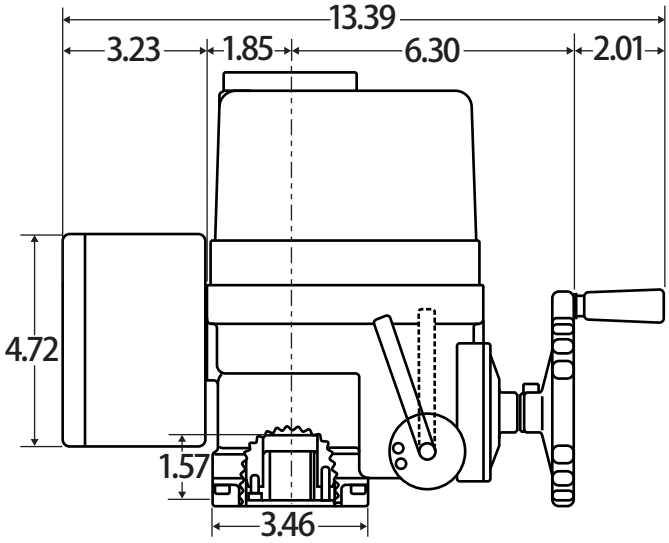
Electric Actuator • AE-880M

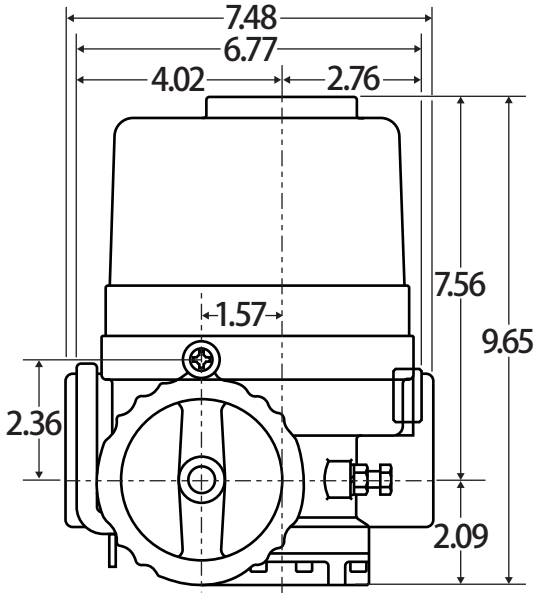
Double Acting •Nema 4x • Modulating • Manual Override

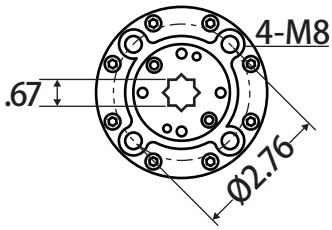


AE-880M

Note: 5" of clearance needed to remove cover







Features

- Hard anodized aluminum hosing with external powder coating for severe duty applications
- Enclosure: IP67, NEMA4 and 4X, O-ring sealed
- ISO 5211 mounting
- 90° operation
- Adjustable mechanical stops to prevent over travel
- Position indicator
- De-clutchable manual override standard
- 120V / 1Ph / 60Hz
- Thermally protected induction motor
- Double worm gearing, no break required
- Spring loaded terminal block for ease in wiring

Actuator Specs

Torque (in-lbs)	880
Output Square	0.67
ISO 5211 Mounting	F07
IEC Duty Cycle (S2)	Max 20 min
IEC Duty Cycle (S4)	30%, 800 start/hr
Operating Time, 90° @ 120V (secs)	18
Rated current @ 120V (Amp.) (Running/Max)	1.10/1.49
Motor Insulation Class	F
Weight (lbs)	15.4
Limit Switches	2 - 1 ea for Open & Close (10A, 250VAC)
Auxiliary Limit Switches	2 - 1 ea for Open & Close (10A, 250VAC)
Cable Entry	2 - 3/4" NPT
Internal Htr.	Yes - 5W
Temperature Range	10° F to 150° F
Torque OL Protection	NO

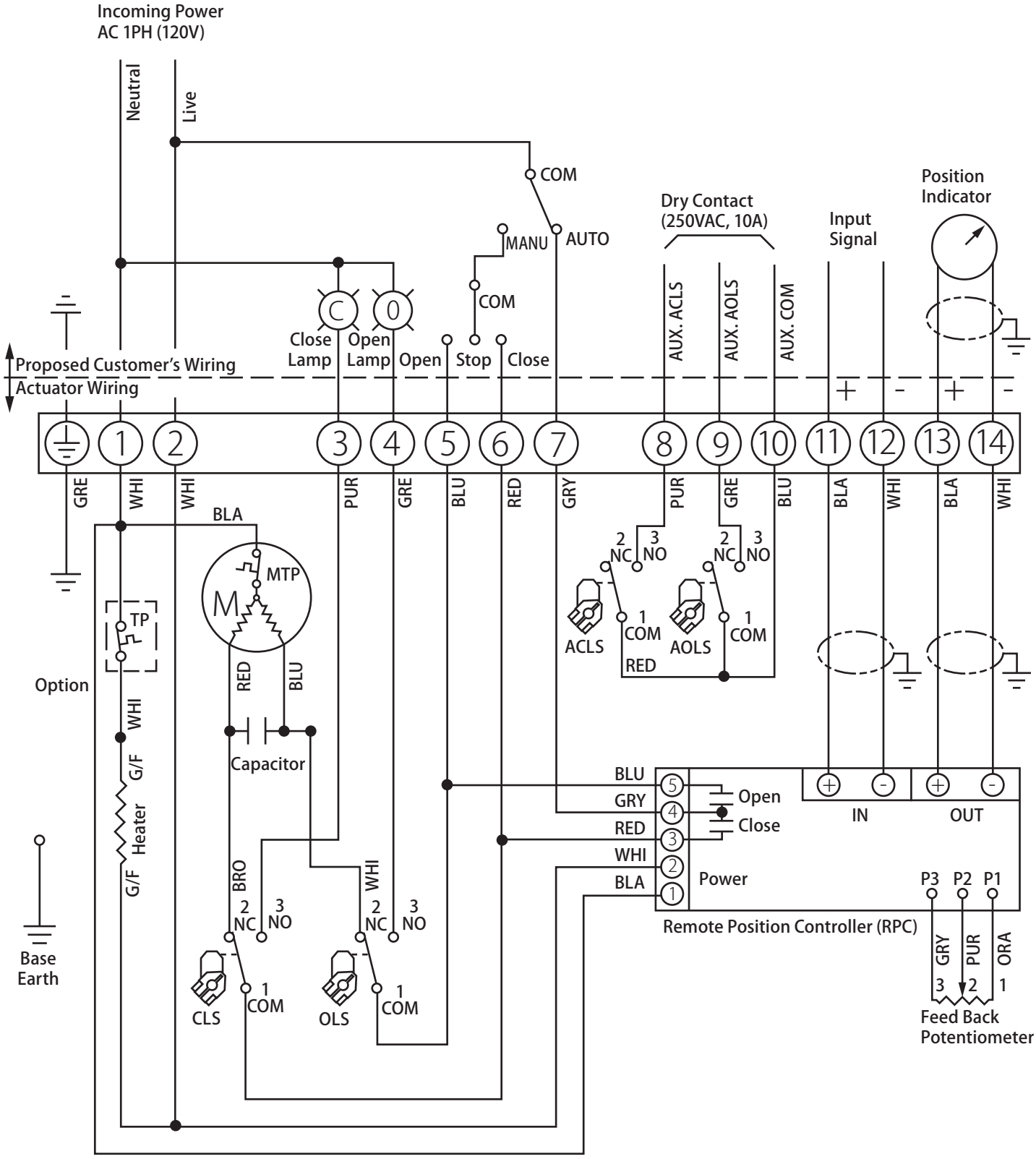
RPC Specifications

Input Signal	4-20mA, 0-210VDC, 2-10VDC, 1-5VDC, 0-5VDC
Output Signal	4-20mA
Potentiometer (Feedback)	1 Kohm
Load Resistance	100 Ohm - 750 Ohm
Input Resistance	250 Ohms
Delay Time Adjustment	1.0 - 8.5 sec
Dead Band Adjustment	0.1 - 4.5%
Resolution	Min 1/1,000

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Wiring Diagram



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