

PNEUMATRON

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POM30 - PLASTIC ELECTRIC ACTUATORS

ISO5211 MOUNTING STANDARD

PLEASE NOTE

There are Electronic Boards inside these valve actuators and therefore they should not be mounted on surfaces or pipes that vibrate excessively.

GENERAL SPECIFICATIONS:

Allowed Ambient Temperature for operation : -10°C to +70°C

Standard Rotarion Angle Preset : 90°

Voltages: 220VAC, 24VDC, 24VAC

Pressure: 0 to 10 Bar

Open/Close Time: 15 Seconds

Enclosure Rating: IP67 - Waterproof & Dustproof



PART NO:	VOLTAGE Volts	POWER Watts	CURRENT Amps	PRESSURE Bar	90° RUNTIME Seconds	TORQUE Output Nm	SHAFT	FLANGE	RATING
POM30A	220VAC	10W	0.25A	10 Bar	15S	35	14*14	F03/F05	IP67
POM30B	24VDC	10W	0.5A	10Bar	15S	35	14*14	F03/F05	IP67
POM30C	24VAC	10W	0.25A	10 Bar	15S	35	14*14	F03/F05	IP67

PVC Valve Bodies Available in 2 1/2" (65mm), 3" (80mm), and 4" (100mm) BSP Female Thread

Contact us for other valve options.

INSTALLATION INSTRUCTIONS:

1. DO NOT USE OVERSIZED CABLE - recommended cable size 0.5mm core cable, otherwise maximum 0.75mm core cable.
2. Do not overtighten terminals.
3. These valves must not be mounted on vibrating pipes or surfaces because of electronic boards inside the actuator.

MANUAL OVERRIDE PROCESS:

1. Remove or Switch Power off to the actuator. DO NOT ATTEMPT MANUAL OVERRIDE WITH ELECTRICAL POWER STILL ON THE ACTUATOR.
2. Find the Allen Key slot at the bottom of the actuator.
3. Using the Allen Key supplied with the actuator, insert the Allen Key into the allocated slot and push key slot in.
4. Turn the Allen Key into the direction you need the arrow (in top sightglass) to move, to achieve the desired position. (Check the sight glass on the top chamber of the actuator, to see whether the arrow indicates the valve is OPEN or CLOSE).

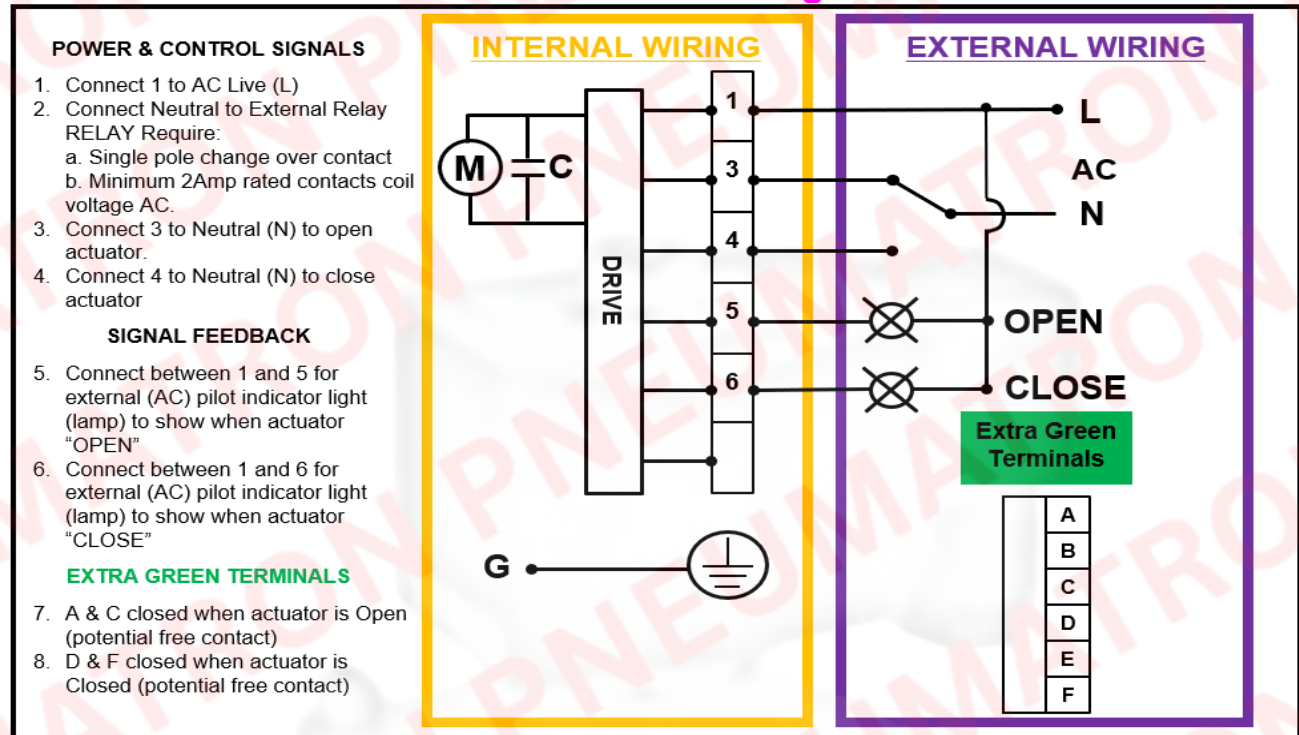
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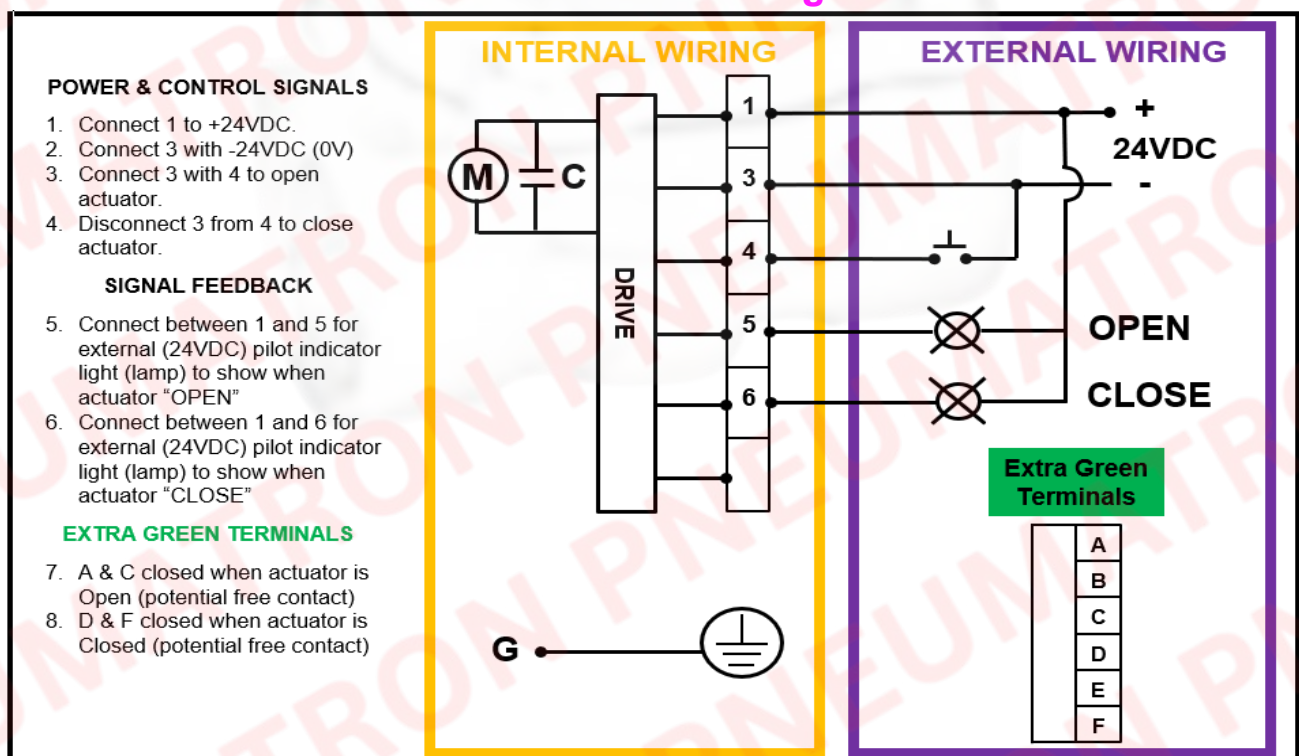
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Wiring diagram:

POM30 - AC Voltage



POM30 - DC Voltage



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Dimensions

POM30-DIMENSIONS



POM30	
A	118
B	145
C	8
D	140
E	26
F	40
G	M5
H	4
I	M6
J	4
K	50
L	14
M	19
N	45°
ISO5211	F03/F05

