

## PM1 type Electric Actuator Specifications

### FEATURE

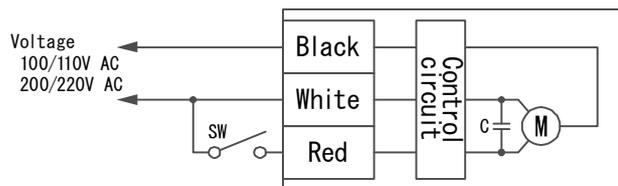
Mini and low price actuator. It has a contactless electric control system and a simple structure.

### SPECIFICATION

Actuator type (□:Voltage code)	PM1-030-□
Voltage	100 / 110 V AC ±10 % 50/60 Hz (Code: 1) 200 / 220 V AC ±10 % 50/60 Hz (Code: 2)
Rated torque [N·m]	3
Operation time [s]	7.5 / 6.3 (50/60 Hz)
Power consumption [VA]	8
Motor	Synchronous motor
Overload protection	Timer
Method of operation	a-contact input type
Operation	SW is OFF → SHUT SW is ON → OPEN
Input signal current	ON: 1.5 mA OFF: Less than 0.1 mA
Duty cycle	20 % 15 min
Ambient temperature	-20 to 50 °C
Space heater	0.5 W
Manual operation	Direct operation
Enclosure	Equivalent to IP65 (IEC 60529)
Housing material	Polycarbonate resin (Brack)
Conduct port	Flexible cable 3 leads 0.5 mm <sup>2</sup> L=500 mm

3 way valve: SHUT / Position①, OPEN / Position②.

### WIRING



SW : Switch  
M : Motor  
C : Condenser

Flexible cable of the actuator has 3 lead wires colored in Black, White, and red.  
Check that power supply voltage is correct and connect wires as shown in the wiring diagram.

- Note)
- Two or more actuators can be operated with one control switch.
  - When using control switch with current leakage (more than 0.1 mA) such as TRIAC or relay with CR, it can cause malfunction.