

## VA-7010 Series Electric Valve Actuator

### Description

The VA-7010 Series Electric Valve Actuators provide two-position (open/closed) control and can easily be field mounted with a threaded coupling onto VG4400 2-way, VG4800 3-way and VG4500 3-way 4-port zone valves.

A lever at the side of the actuator housing can be used to open the mounted valve manually for servicing.

### Features

- 120VAC/230VAC line voltage models provide application flexibility
- AC stall type motor ensures quiet operation
- manual lever allows manual position mode for servicing
- flat profile design with small side clearance provides mounting close to flat surfaces and saves space

- actuator can be mounted after the valve body is installed, simplifying installation in confined spaces while allowing application flexibility
- actuator can be rotated after mounting, providing easier wiring by locating the wiring conduit entry in any direction

### Repair Information

If the actuator fails to operate within its specifications, replace the unit. For a replacement actuator, contact the nearest Johnson Controls® representative.

### To Order

Specify the code number

- **VA-7010-8502-C** – 120VAC On/Off Actuator
- **VA-7010-8503-C** – 230VAC On/Off Actuator



**VA-7010 Electric Valve Actuator with VG4400 Series Valve**

### Specifications

Product	VA-7010 Series Electric Valve Actuator	
<b>Power Requirements</b>	VA-7010-8502-C	120 VAC ±10%, at 50/60 Hz
	VA-7010-8503-C	230 VAC ±10%, at 50/60 Hz
<b>Action Type</b>	On/Off	
<b>Type of Motor</b>	Synchronous Stall	
<b>Power Consumption</b>	7VA	
<b>Minimum Force</b>	20.2 lb (90 N)	
<b>Nominal Stroke</b>	0.12 in. (3 mm), Maximum 0.2 in. (5 mm)	
<b>Full Stroke Time On</b>	Nominal 10 Seconds	
<b>Full Stroke Time Off</b>	Nominal 5 Seconds	
<b>Protection</b>	IP20	
<b>Ambient Operating Conditions</b>	2 to 50°C (35 to 122°F) 85% Non-condensing RH	
<b>Ambient Storage Conditions</b>	-20 to 65°C (-4 to 149°F) 85% Non-condensing RH	
<b>Electrical Connections</b>	18 AWG, 6.7 in. (170 mm) Long Wire Leads	
<b>Shipping Weight</b>	0.5 kg (1.1 lb)	