

VA-7010 Series

# Electric Valve Actuators



**VA-7010 Electric Valve Actuator with VG5000 Series Valve**

### 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 VG4000 and VG5000 Series Zone Valves. A lever at the side of the actuator housing can be used to open the mounted valve manually for servicing.

### Features

- low voltage or 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 Parts

Replace unit.

### To Order

Specify the code number from the following Selection Chart.

### Specifications

VA-7010 Series Electric Valve Actuator	
<b>Action</b>	On/Off
<b>Type of Motor</b>	Synchronous Stall
<b>Supply Voltage (50/60 Hz)</b>	VA-7010-8001: 24 VAC, Class 2, ±10% VA-7010-8002: 120 VAC, ±10% VA-7010-8003: 230 VAC, ±10% VA-7010-8006: 208 VAC, ±10%
<b>Power Consumption</b>	7 VA
<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>	IP40, NEMA 1
<b>Ambient Operating Conditions</b>	35 to 122°F (2 to 50°C), Non-Condensing
<b>Ambient Storage Conditions</b>	-4 to 149°F (-20 to 65°C), Non-Condensing
<b>Electrical Connections</b>	18 AWG, 20 in. (508 mm) Long Wire Leads
<b>Shipping Weight</b>	1.1 lb (0.5 kg)
<b>Agency Listings</b>	UL 873 Listed, File E27734, Guide XAPX, Plenum Rated CSA C22.2 No. 139 Certified, File LR85083, Class 3221 01
<b>CE Conformity</b>	VA-7010-8001:EMC Directive (89/336 EU)

### Selection Chart

Code Number	Description
<b>VA-7010-8001</b>	24 VAC Electric On/Off Actuator
<b>VA-7010-8002</b>	120 VAC Electric On/Off Actuator
<b>VA-7010-8003</b>	230 VAC Electric On/Off Actuator
<b>VA-7010-8006</b>	208 VAC Electric On/Off Actuator