Code No. LIT-1924500
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VA-7010 Series Electric Valve Actuators

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



Figure 1: VA-7010 Electric Valve Actuator with VG5000 Series Valve

Technical specifications

VA-7010 Series Electric Valve Actuator	
Action	On/off
Type of motor	Synchronous stall
Supply voltage (50/60 Hz)	VA-7010-8001: 24 VAC, Class 2, ±10% VA-7010-8002: 120 VAC, ±10% VA-7010-8003: 230 VAC, ±10%
Power consumption	7 VA
Minimum force	20.2 lb (90 N)
Nominal stroke	0.12 in. (3 mm), maximum 0.2 in. (5 mm)
Full stroke time on	Nominal 10 seconds
Full stroke time off	Nominal 5 seconds
Protection	IP40, NEMA 1
Ambient operating conditions	35 to 122°F (2 to 50°C), non-condensing
Ambient storage conditions	-4 to 149°F (-20 to 65°C), non-condensing
Electrical connections	18 AWG, 20 in. (508 mm) long wire leads
Shipping weight	1.1 lb (0.5 kg)
Agency listings	UL 873 Listed, File E27734, Guide XAPX, Plenum Rated CSA C22.2 No. 139 Certified, File LR85083, Class 3221 01
CE conformity	VA-7010-8001:EMC Directive (89/336 EU)

Ordering

Specify the code number from the following Selection Chart.

Selection chart

Code number	Description
VA-7010-8001	24 VAC Electric On/Off Actuator
VA-7010-8002	120 VAC Electric On/Off Actuator
VA-7010-8003	230 VAC Electric On/Off Actuator

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