EA12 Two Position Spring Return Rotary Actuator

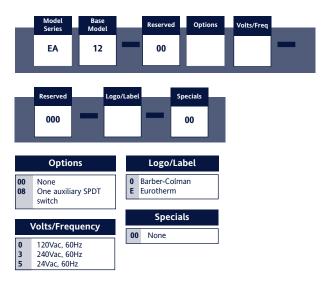




The Model EA12 actuator is a spring return gear driven crankshaft actuator for two position operation of dampers, valves or other equipment that requires return to normal position upon power interruption. The hardened steel crankshaft is driven through a train of precision hobbed gears. The actuator is driven by a shaded pole motor that is completely submerged in oil and sealed in an aluminum case to assure long life and minimum maintenance. The gear train of the EA12 crank actuator is also sealed in oil. Working in conjunction with primary loop controllers, these power units are ideal for ON-OFF control of valves and dampers. The EA-12 travel time is 20 seconds and its travel limit is 170 degrees clockwise. The spring return is counterclockwise to the original position when de-energized.

The Model EA12-00000-000-0-00 is UL/CSA listed. All others models are UL/CUL listed. EA12 is compatible with the VB-7000 and VB-9000 valves in this catalog.

Ordering codes



Features

- spring return two position operation
- 60 in-lbs torque 20 sec travel
- oil immersed motor and gear train
- compatible with VB series valves

Specifications

Control action:

2 Wire, ON-OFF **Torque:** 60 in-lbs – 20 sec no load travel time Shaft rotation: CW 170° - 20 Seconds when power applied **Dimensions:** 5-3/4" H x 5-3/8" W x 6-9/16" D Weight: 7lbs. Case : Die cast aluminum with 2 conduit openings Ambient temperature: -40 to 136°F (-40 to 58°C) **Humidity:** 5 to 95% RH, non-condensing **Power consumption:** 70 watts running, 25 watts holding Mounting: Output shaft horizontal. Allow 6" (152mm) clearance above wiring compartment Auxiliary switch (optional): SPDT - makes or breaks circuit at powered end of stroke 120Vac – 2A full load, 12A locked rotor 240Vac - 1A full load, 6A locked rotor