

V-9000-500

LIT-1924095

# Positioner

## Description

For modulating control of both spring return and non-spring return actuators (V-9000 Series) used with VF Series Butterfly Valves, a V-9000-500 Positioner is provided as standard equipment on all factory assemblies. This positioner allows precise positioning over the entire range of the actuator stroke.

## Features

- non-interactive zero and span adjustments as well as field-selectable direct or reverse action
- furnished with supply, input, and output gauges as well as a visual position indicator through the unit's clear polycarbonate cover

## Selection Chart

### V-9000-500 Positioner <sup>1</sup>

Code Number	Description
V-9000-500	Positioner

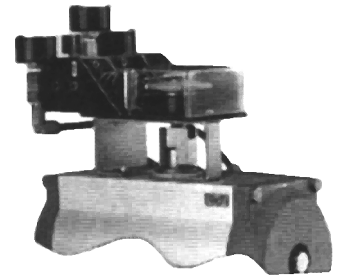
1. The appropriate mounting kit must be ordered separately.

## Applications

For more information (including mounting kits) refer to *Accessories* in *V-9000 Series Pneumatic Rotary Motion Actuators Catalog Page (LIT-1924085)* on Page 79.

## Repair Information

If the V-9000-500 Positioner fails to operate within its specifications, replace the unit. For a replacement positioner, contact the nearest Johnson Controls® representative.



V-9000-500 Positioner

## Technical Specifications

V-9000-500 Positioner	
<b>Input Signal</b>	Factory Set at Approximately 3 to 15 psig (21 to 103 kPa) for 90° Rotation Field Selectable from 3 to 15 psig (21 to 103 kPa) for 65° Rotation, or 3 to 9 psig (21 to 62 kPa) or 9 to 15 psig (62 to 103 kPa) for 65° Rotation
<b>Supply Pressure</b>	40 to 140 psig (276 to 965 kPa)
<b>Air Connections</b>	1/4 in. NPT (Internal) Supply; 1/8 in. NPT (Internal) Control Input and Outputs
<b>Dimensions, H x W x L</b>	6-3/4 x 3-1/8 <sup>1</sup> x 6 <sup>1</sup> in. (171 x 79 <sup>1</sup> x 152 <sup>1</sup> mm)

1. As measured from valve shaft center.