

Automation & Controls Product Group of SVF Flow Controls, Inc.

## **AUTOMATION & CONTROLS** PRODUCT GUID

SVF Flow Controls, Inc. • 13560 Larwin Circle, Santa Fe Springs, CA 1.800.783.7836 • www.SVF.net • Fax: 562.802.3114





aero2 Actuator Declutchable Manual Override B41Rev3 Valve







**Limit Switch** 

The SVF NEXUS-LS is a reliable and compact position feedback device fitted with two mechanical SPDT switches rated for 5A service.

### **NEXUS-LS Design Features:**

- ▼ NEMA 4/4X (IP67) enclosure to satisfy outdoor protection.
- "Quick-Set" cam is spring loaded and requires no special tools for calibration.
- ▼ Dual 1/2" NPT conduit entries facilitate wiring in the field and for additional ancillary pilot valve connections.
- Captive cover bolts remain intact during wiring to prevent
- ▼ Stainless Steel trim and mounting hardware.
- Rugged and Compact design.
- Designed for operation in temperatures from -4°F to 176°F.

The NEXUS-LS Limit Switch is also available fitted with two Proximity switches rated for 5A service. Consult SVF for additional information.





## Two-Position Discreet Valve Controller

The Award Winning NEXUS-LP is a discrete valve controller optimizing a solution for on/off valve control position sensing in the process industries. Equipped with low watt miniature pilot valves, position sensors, and optional bus communication technology, the NEXUS-LP helps plants, platforms, and pipelines improve productivity and increase safety in the harshest environments and toughest applications.

### **NEXUS-LP Design Features:**

- ▼ Suitable for use on rotary applications for double acting or spring return actuators.
- ▼ NEMA 4/4X, IP67 certified, CE approved.
- ▼ Integrated Solutions (sensors, pilot, spool valve).
- V NAMUR and ISO 5211 adjustable bracket mounting.
- 5/2 Aluminum spool valve. anodized coated in black.
- ▼ Single pilot actuated, with manual operator Cv=1.4.
- Available for Hazardous Areas, ATEX (NEXUS-LPX)





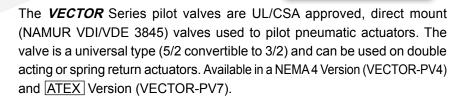
## NEXUS-PS **Valve Position Sensor**

A low profile sensor that delivers valve position status in demanding environments (IP-67). The technology utilizes two reed devices that sense a magnetic target in the Open and Closed positions.

#### **NEXUS-PS Design Features:**

- ▼ Corrosion Resistant (non-metallic + stainless construction).
- ▼ Hermetically sealed reed elements.
- ▼ Handles both AC and DC current.
- ▼ Simple mounting to NAMUR standards.

## **VECTOR Pilot Valves**



- ▼ May be used as a 3-way or 4-way pilot valve for spring return and double acting actuators respectively.
- **T** Easily field retrofitted for Spring Return and Double Acting applications.
- ▼ VECTOR-PV4 rated to NEMA 4/4X. IP65.
- ▼ VECTOR-PV7 IP66, ATEX for hazardous areas.







**Positioners** "P3" Pneumatic and

"XL" Electro-Pneumatic

The SVF "EXACT" Series pneumatic and electro-pneumatic positioners are designed and manufactured to offer years of trouble-free and economical operation. Every component has been field-tested and field-proven to exceed expectations of performance and reliability.





NEXTEK Controls is a family of valve automation products that includes a range of actuators and accessories for the automation of quarter-turn valves that provide field control and

NEXTEK Controls was formed to highlight our products and capabili-

ties and to serve as a Resource in developing and delivering automated

valves to meet industry requirements

for system integration, performance

▼ Our *aero2*<sup>™</sup> and Quad4 pneu-

universal operation of all

with a full array of control

▼ Our controls and control

matic actuators are designed for

guarter-turn valves and comes

options for On/Off modulating

packages are feature-rich and

connectivity.

and value.

service.

Scan this "QR" Code to view our entire line of Automation & Controls.

**More Automation & Controls** 



Rev 01/2015



# *aero*<sup>2</sup>™ High-Performance Rack & Pinion Pneumatic Actuators





The *aero*<sup>2</sup> and Quad4 pneumatic rack and pinion actuators are manufactured using the latest materials and methods to provide dependable and smooth operation in demanding process-control conditions.

#### aero2 and Quad4 Design Features:

- ▼ Bi-Directional stroke adjustment.
- Available in Double Acting and Spring Return models.
- ▼ 1/4" NPT air inlet manifold.
- ▼ ISO 5211 base for universal mounting & accessory attachment.





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Scan the "QR" Codes to view and download additional information on these products from SVF.



## "E" Series Electric Actuators

SVF "E-Series" Electric Actuators are geared motors that provide rotary output (torque) to power all types of rotary valves. Output is achieved through the application of a supply voltage (AC or DC).

### "E" Series Design Features:

- Heavy-duty, fully enclosed, high-performance motor is rated for both On/Off and modulating service.
- Actuator housing and fasteners meet NEMA 4 guidelines (weatherproof) or NEMA 7 (hazardous locations) requirements.
- Corrosion protection with thermally bonded polyester coating.
- All motors feature integral thermal overload protection.
- ▼ All models feature a manual override, ISO mounting pad and are wired for light indication.
- Designed for operation in temperatures from -40°F to 150°F.



"E" Series

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Product pricing and availability:
U.S. and Canada: Sales@NextekControls.net
Latin America: LatinAmerica@NextekControls.net
Tech Support: Engineering@NextekControls.net

# Connectivity for Hazardous Area Locations





VECTOR-PV7 PILOT VALVE IP66, ATEX for Hazardous Areas.



