

Pneumatic and Electro-Pneumatic Positioners • Discreet Valve Controllers • Valve Position Sensors & wireless monitors
High Performance Limit Switches and Solenoid Valves • Control & Connectivity for Hazardous Area Locations

NEXTEK --- *CONTROLS*

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

AUTOMATION & CONTROLS PRODUCT GUIDE

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aero² Actuator
Declutchable Manual Override
B41Rev3 Valve



NEXUS-LP



EXACT SERIES
POSITIONER



NEXUS-LS High-Performance 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 loss.
- ▼ 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.



NEXUS-LS



NEXUS-LP 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).
- ▼ 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-LP



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

The **VECTOR** Series pilot valves are UL/CSA approved, direct mount (NAMUR VDI/VE 3845) valves used to pilot pneumatic actuators. The valve is a universal type (5/2 convertible to 3/2) and can be used on double acting or spring return actuators. Available in a NEMA 4 Version (VECTOR-PV4) and **ATEX** Version (VECTOR-PV7).

- ▼ May be used as a 3-way or 4-way pilot valve for spring return and double acting actuators respectively.
- ▼ 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.



NEMA 4 Pilot Valve



ATEX Pilot Valve



EXACT 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 connectivity. NEXTEK Controls was formed to highlight our products and capabilities and to serve as a Resource in developing and delivering automated valves to meet industry requirements for system integration, performance and value.

- ▼ Our *aero2*TM and Quad4 pneumatic actuators are designed for universal operation of all quarter-turn valves and comes with a full array of control options for On/Off modulating service.
- ▼ Our controls and control packages are feature-rich and performance engineered.
- ▼ Controls are available to meet international standards.



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

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Rev 01/2015



aero²_{TM} High-Performance Rack & Pinion Pneumatic Actuators



The *aero²* 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.



aero²_{TM}



QUAD4

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

Specifications subject to change. Please visit www.NextekControls.net for the latest product information.



"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



NEXUS-LX LIMIT SWITCH BOX
Approved for Enclosure: **ATEX**
DNV 09 ATEX 53807X, IP66



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



**NEXUS-LPX
DISCREET VALVE CONTROLLER**
Certified for Hazardous
Locations, **ATEX**

