



**RAPID CONTROL SERVICE, INC.**

***Partners In Automation Since 1964***

PNEUMATIC / ELECTRICAL / RESISTANCE WELDING

Phone: 616-538-1111

WATTS: 1-800-632-1857

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Website: [www.rapidcontrol.com](http://www.rapidcontrol.com)

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# SMC VALVE GUIDE



2 Or 3 Port Valves



4 Way- Valves



Air Pilot Valves



Mechanical Valves

***2479 28th Street - Grand Rapids, MI - 49519***



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## 2 & 3 - Way Solenoid



**VX**  
**2, 3 Port Valve**  
**Stock Rapid Control**

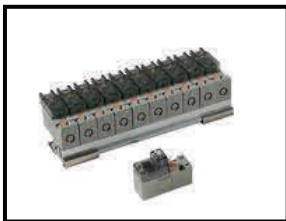
- For Water, Air Oil, Gas Vacuum And Steam
- Solenoid / Air Operated Valve
- Compact And Light Weight
- Large Flow Capacity
- Can Be Quickly Disassembled And Reassembled



**NVK3000**  
**5 Port Valve**  
**Stock Rapid Control**

- 1/8" Ports
- Available 24VDC or 110VAC
- Cv .15

## 3 - Way Solenoid



**SY100**  
**3 Port Solenoid Valve**

- Low Power Consumption (0.5W)
- High Speed Response (10ms)
- Long Life (100 Million Cycles)
- Cv Up To .012
- Base Mounted / Body Ported



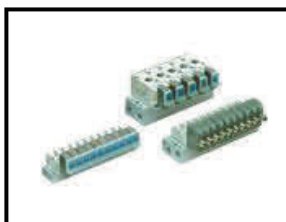
**VQ100**  
**3 Port Solenoid Valve**

- Long Life (200 Million Cycles)
- Plug-in Manifolds
- Serial Interface
- Cv Up To .038
- Base Mounted



**VQZ100/200/300**  
**3 Port Solenoid Pilot Valve**

- Choice Of Rubber or Metal Seal
- Splash-Proof Option (VQZ200/300)
- Interchangeable One-Touch Fittings
- Cv From .20 To 1.20
- Base Mounted / Body Ported



**SYJ300/500/700**  
**3 Port Solenoid Pilot Valve**

- Low Power Consumption (0.5W)
- Interchangeable With The NVJ and NVZ
- vacuum Application
- Cv From .05 To .50
- Base Mounted / Body Ported

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## 4 - Way Solenoid



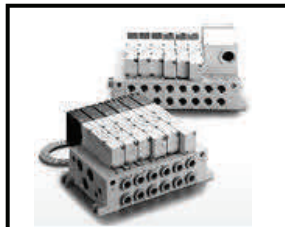
**SY3000/5000**  
**5 Port Solenoid Pilot Valve**  
**Stock Rapid Control**

- Stacking, Plug-in Manifolds
- Low Power Consumption (0.5W)
- Series Interface
- Cv From .20 To 1.0
- Base Mounted / Body Ported



**VQC1000/2000**  
**5 Port Solenoid Pilot Valve**  
**Stock Rapid Control**

- Choice Of Metal Or Rubber Seal
- High Speed Response
- Long Life (200 Million Cycles)
- Innovative Manifold Construction
- Cv From .25 To .80



**VQ4000**  
**5 Port Solenoid Pilot Valve**  
**Stock Rapid Control**

- Choice Of Metal Or Rubber Seal
- Plug Lead And Plug-In Electrical Connections
- Splash-Proof Option
- Cv Up To 2.2
- Base Mounted Configurations



**SV2000/3000**  
**5 Port Solenoid Pilot Valve**  
**Stock Rapid Control**

- Plug Lead And Plug-In Electrical Connections
- Serial Interface
- Interface Options
- Stacking Manifolds
- Cv From .50 To .90
- Base Mounted Configurations

## Mechanical



**VH**  
**4-Way Hand Valve**  
**Stock Rapid Control**

- Compact And Lightweight Design
- Low Operating Force
- Panel Mounting Available
- Cv Up To 1.1



**NVM**  
**Mechanically Operated Valves**  
**Stock Rapid Control**

- Wide Variety Of Actuators Available
- Manual Or Mechanical Actuation
- Internal/External Pilot
- Cv .14 To 1.0

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### Air Pilot



**SYA5000/7000  
Air Pilot Valve  
Stock Rapid Control**

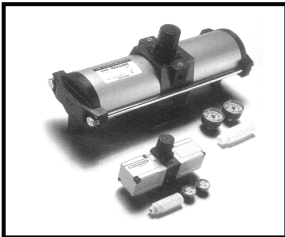
- Available Either Single Pilot Or Double Pilot
- Body Ported With 1/4 Push-In Fittings
- 1/8 Exhaust Ports / 10-32 Pilot Ports Or  
1/4 Exhaust Ports / 1/8 Pilot Ports
- Available Side Mounting Bracket
- Cv .59 To 1.1



**NVSA Air Pilot  
Valve  
Stock Rapid Control**

- Available 3-Way & 4-Way
- Operating Pressures From 28" Vacuum to  
150 PSI
- Cv 1.0
- Base Mounting / Manifold

### Specialty



**NVBA  
Booster Regulator  
Stock Rapid Control**

- Increase Main Line Pressure Up to Two Times
- Save Energy And Money
- Desired Pressure Increase Easily Adjusted
- Almost No Temperature Increase
- Works Without Any Electrical Inputs



**NVA  
Soft Starts  
Stock Rapid Control**

- Gradually Raises Initial Pressure In Air Systems
- Manual Override For Quick Exhaust
- Combines With Modular FRL System
- Low Power Consumption 1.8W DC
- Cv 1.19 To 3.60



**ISA  
Air Catch Sensor  
Stock Rapid Control**

- Detects The Presence Of An Object By The Use Of  
Back Pressure
- Colored Indicator Light
- Water Splash And Dust Particle Resistant To IP66
- Free Mount Or Manifold Types Available
- Switch IS Movable Without Disturbing Manifold

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