

WERNER
ELECTRIC SUPPLY

PNEUMATICS

PRODUCTS & SERVICES



CONNECTORS • AIR PREPARATION • ACTUATORS • ACCESSORIES
INSTRUMENTATION • VALVES • MANIFOLDS • VACUUM PRODUCTS • COMPONENT ASSEMBLY

Werner Electric Supply has teamed with SMC USA to complete our automation product offering, and to supply you with the highest quality pneumatics products available. From valves to solenoids to actuators, our line is complete. Together with over 60 years of experience with industrial automation systems, our partnership with SMC solidifies our expertise and ability to support your needs.

Supporting Your Needs with Service and Expertise

Werner Electric Supply not only provides the pneumatics equipment you need, but also the service and expertise that it takes to provide a complete solution. Our pneumatics staff is ready to support our full range of customers, from OEMs to maintenance departments!

Look to Werner Electric Supply for new application and engineering assistance including sizing, CAD drawings and new product training. Our pneumatics experts can recommend components that provide faster and/or more accurate operation for existing equipment

Werner Electric assists MRO and maintenance departments in addressing problem areas such as premature component failures, slow performance, or conversion to serial communication. We can also cross-reference competitors' parts and recommend energy-saving solutions. Werner offers a large inventory of SMC components and will add customer specific products as needed.

**Give one of our pneumatics experts a call at 920-969-2156.
They will be happy to assist you!**

- **Product Training**
- **Expert Consultation**
- **Custom Assembly**
- **Engineering Assistance**
- **Customer Specific Inventory Available**
- **Authorized Assembly and Testing**



*The Global Leader in the Design and Manufacture of
Pneumatic & Electro-Pneumatic Components for Automation.*





PRODUCTS

Connectors

- Fittings (Inch/Metric/Euro)
- Tubing
- Accessories
- Manifolds



Instrumentation

- Electronic Regulators
- Flow Switches
- Pressure Switches
- Vacuum Switches



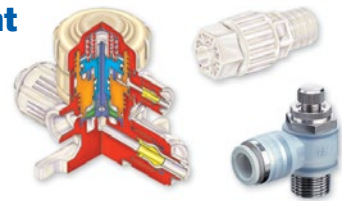
Air Preparation

- Dryers
- Filters
- Combination
- Lubricators
- Regulators
- Dump Valves
- Accessories/Parts
- Precision Regulators



Specialty Equipment

- Clean Room Products
- Teflon® Valves
- Teflon® Fittings
- Teflon® Tubing
- Equipment Pumps
- Cleaners



Actuators

- Linear
- Guided
- Electric
- Rotary
- Specialty
- ISO
- NFPA
- Stainless
- Actuator Accessories
- Grippers & Escapement



Valves & Manifolds

- Air Pilot
- Solenoid
- Manual
- Mechanical
- Serial Interface
- Process
- Namur Mount

- 2 way, 3 way
- 4 way, ISO



Accessories

- Nozzles
- Flow Controls
- Check Valves
- Mufflers
- Exhausts
- Alignment Couplers
- Rotary Joints



Vacuum Products

- Venturi Pumps (Inch/Metric/Euro)
- Suction Cups
- Adapters
- Buffers
- Switches
- Filters
- Regulators
- Hi-Vac Valves



PRODUCTS

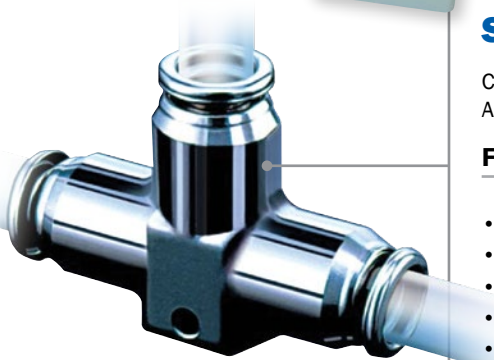


Electro-Pneumatic Pressure Regulators

Stepless control of air pressure proportional to an electrical signal

Features:

- Sensitivity: 0.2 kPa (100kPa specification)
- Linearity: Within $\pm 1\%$ (F.S.)
- Hysteresis: Within $\pm 0.5\%$ (F.S.)
- Flows from .24 CFM (7 L/min) to 140 CFM (4000 L/min)
- Built in pressure transducer with output signal
- Standalone unit or manifold type (up to 8 per manifold)



Stainless Steel 316 One-Touch Fittings

Certified to meet current Food Sanitation Law standards.
All stainless steel except seal parts.

Features:

- Metal parts: Stainless steel 316
- Seal parts: Special FKM
- Grease-free
- Fluid temperature: -5° to 150°
- Can be used with steam.
- Applicable tubing material:
FEP, PFA, Soft Nylon, Polyurethane, Polyolefin

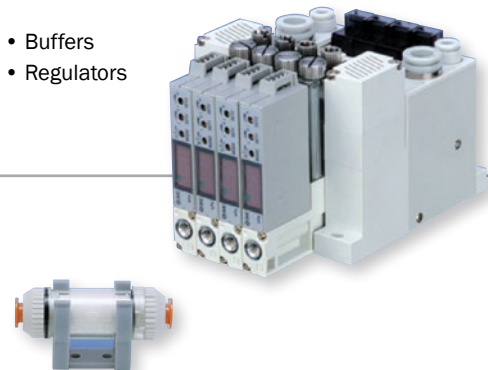


Vacuum Products

- Suction Cups
- Adapters
- Buffers
- Switches
- Filters
- Regulators
- Hi-Vac Valves

Features:

- Single to 3-stage diffuser options
- Standalone or manifold style ejectors with blow off option
- Multiple Pad Material options
 - NBR
 - Silicone rubber
 - Fluoro rubber
 - Conductive/non conductive





The Global Leader In Pneumatic Technology

- Automotive
- Process
- Semiconductor
- Food
- Packaging
- Medical
- Petrochemical

SMC stays on the cutting edge of technology through extensive research and development and application support from over 100 engineers in the U.S. alone. With manufacturing and distribution strategically placed throughout North America, we bring you global products with local support.

TECHNICAL SUPPORT AVAILABLE!

920-969-2156

Fieldbus System Series SY3000/5000

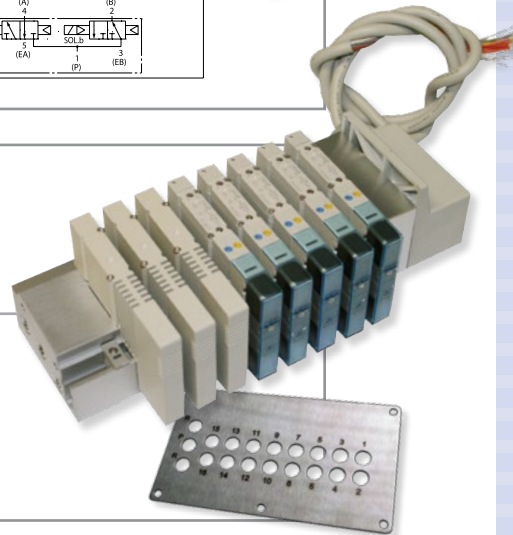
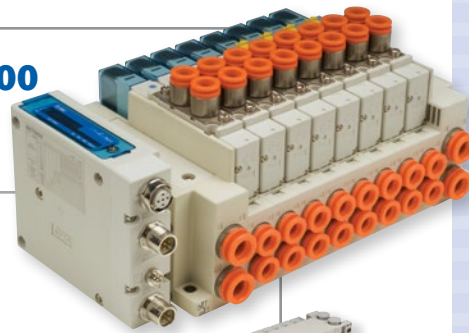
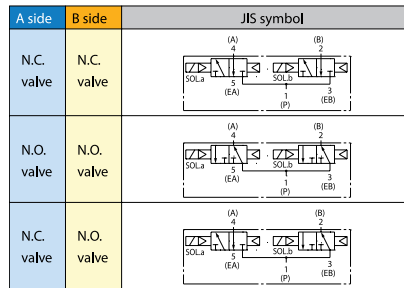
Same Valve Width (10mm) with Flow Increased by up to 80%

Features:

- Can be ported from top, side and bottom.
- Aluminum body or stackable base manifold options.
- Multiple wiring configurations (serial, D-sub, terminal box and many more)
- Available in a 4 position Dual 3-way valve configuration

4-position dual 3-port valve available (Rubber seal type only)

- Two 3-port valves built into one body
- 3-port valves on the A and B sides can operate independently.
- When used as a 3-port valve, only half the number of stations is required.
- Can also be used as a 4-position, 5-port valve.
- 4-position dual 3-port valve with back pressure check valve is available.



X207 Valve Series

X207 Bottom Ported Option for the SY3000 valve series.

Features:

Customers can cut a single rectangular hole, weld 4 studs to the inside of the enclosure and mount the plate tightly to the enclosure against a chemical resistant gasket.

Fieldbus System Series EX260

Output device for driving 5 port solenoid valves

Features:

- Available in Ethernet, DeviceNet, EtherCAT, Profibus & Profinet
- IP67 Rated
- Drives up to 32 valves
- Compact size only 28mm

Series EX600

Input/Output, Analog or Digital

Features:

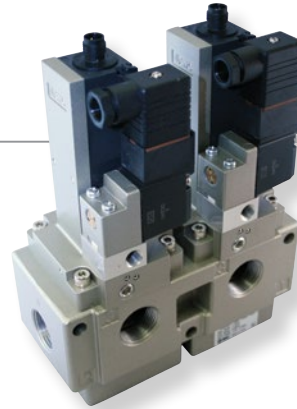
- Self diagnostic function
- Max. 9 Units. Can be connected in any order



Series VG342

Category 3 & 4 Safety Shut-off and Exhaust Valve

- Meets Category 3 & 4 safety standards
- Meets EN ISO 13849-1
- Sizes from 3/8" to 1"



SMC's Value Added Base Component Assembly Program

As the only authorized SMC Assembly Program in the state of Wisconsin Werner Electric has the expertise to provide you with quality assemblies for your applications. Before our assemblies leave the building they go through the following tests:

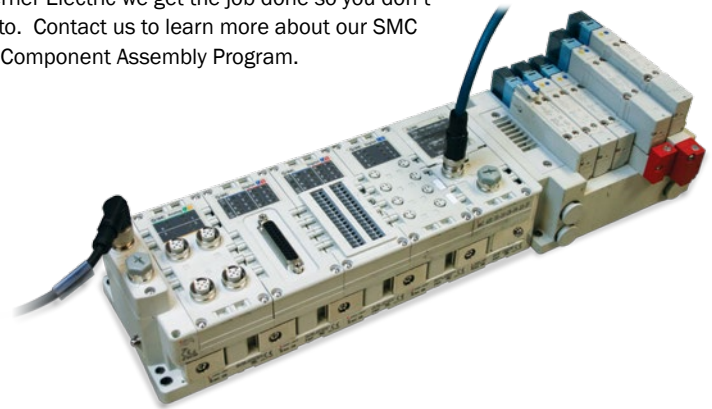


Testing Specifications

- Pressure Test
- Functional Test
- Wiring Ring-out
- Leak Test
- Electrical Test of SI-Modules



At Werner Electric we get the job done so you don't have to. Contact us to learn more about our SMC Base Component Assembly Program.



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They will be happy to assist you!

**CONTACT YOUR WERNER ELECTRIC
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- SPECIALTY EQUIPMENT
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