

Innovative Pneumatic Solutions that Improve Machine Performance



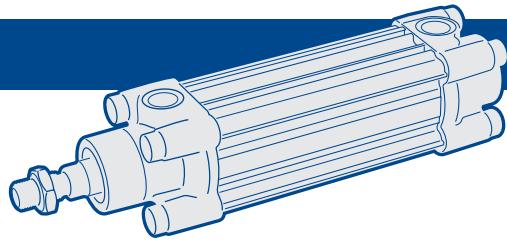
AVVENTICS™ Pneumatics Solutions

Cylinders and drives, valves and valve systems, air supply management.

 **EMERSON**
TM

Cylinders & Actuators

Emerson's time-tested and standard setting AVENTICS pneumatic and electric cylinders and actuators create a foundation for today's automated systems. No matter how compact or demanding your application, we have a solution to exceed your performance standards and stay within your footprint.



Standard Cylinders



ISO compliant and lightweight, including a variety of options to conform with specialized requirements.



Electric Rod-Style Actuators



Our electric actuators enable fast and powerful linear movement with high precision and efficiency.



NFPA Cylinders



Our NFPA interchangeable cylinders achieve long life, easy fitting and outstanding performance in the most demanding applications.



Round Cylinders



Compact robust designs that meet even the strictest requirements for a range of applications.



Short Stroke & Compact Cylinders



Simple, weight-optimized design with near-universal connectivity, these extremely popular cylinders can function in tight spaces.



Cylinder Valve Units



Ideal for decentralized use in applications, with easy assembly and connection and increased temperature range.



Rodless Cylinders



Guided and non-guided versions provide high performance for demanding applications.



Guided Cylinders



Our products precisely guide materials to their exact position in automated applications and set handling technology standards.



Double Piston Cylinders



Compact design within narrow, stackable bodies, these cylinders are suitable for a variety of automated applications.



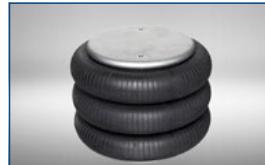
Rotary Actuators



With a wide range of rotation angles & torque values, these rotary actuators can be outfitted for the most applications.



Bellow Actuators



Available in single, double, and triple bellows. Designed to hold up in a wide range of temperatures and conditions.



Grippers



Large selection of grippers that handle materials with maximum precision and reliability.



Power Clamps



Flexible power clamps that can be easily adjusted and come with various options to fit your application.



Speciality Cylinders & Assemblies

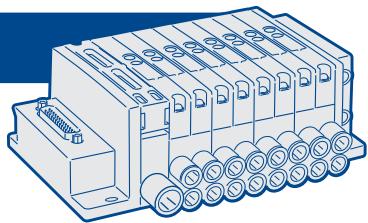


Cylinders, rod locking units and actuators for special applications.



Pneumatic Valves & Valve Systems

Emerson is leading the way in efficient valves and valve systems for the most demanding automation tasks. Our modular technology is adaptable to your changing business needs and increased performance requirements. Supported by a wide range of connectivity options as well as functional accessories, our portfolio offers the right solution to automated applications in automotive, food and beverage, packaging and many other industries.



Valve Systems



Adaptability and quality to meet the most demanding functionality and connectivity requirements.



Proportional Pressure Control Valves



Highly precise and dynamic pressure control for a wide range of applications and environmental conditions.



Directional Control Valves



Delivering higher flow with compact packaging with a wide range of actuation and connectivity options.



Safety Valves



Valve technology that ensures safe operations and process control in many applications and industries.



Fieldbus & I/O



Directly integrate valve systems into the control structure of your machine, with numerous I/O and sensor options.



Proportional Flow Control Valves



Highly precise and dynamic flow control for a wide range of applications and environmental conditions.



Standardized Valves



Robust and with a wide range of options, our standard valves align with ISO standards in many environments.



Flow Valves & Block Valves

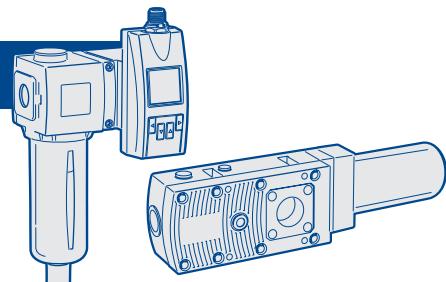


Effective flow control and reliable shutoff, with multiple mounting options for application customization.



Air Preparation, Sensors, and Vacuum Technologies

Emerson's modular air preparation products, including filters, regulators, lubricators (FRL), as well as vacuum technologies, help keep many industry applications running smoothly and safely. Our sensors enable users to gain insights in energy consumption and performance, which supports in gaining sustainability and productivity improvements.



Air Preparation Units



The modular versatility of our air preparation units can expand or be retrofitted to fit your application's changing needs.



Sensors



Measure pressure, flow and position in electronically or pneumatically actuated processes, working with most communication protocols.



Air Preparation Accessories



Tubing, gauges, sensors and other assembly material and products that complete many configurable applications.



Vacuum Technologies



Vacuum and gripper technologies that handles the most delicate materials in automated applications, with modular components.



Take advantage of everything you need for a future-proof pneumatic solution

Integrated Solutions



Digital Transformation



Machine Safety



Configure your product at: Emerson.com/Engineering-Tools

Learn more at: Emerson.com/AVENTICS

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