

AVENTICS™ Series AV Valve System

Ideal for demanding industrial automation with high customisation, integration, and flow requirements.

CANopen

DeviceNet

EtherCAT

EtherNet/IP

ETHERNET
POWERLINK

IO-Link

PROFINET
BUS

PROFINET

Modbus

The flexible solution allowing you to scale production into the future

- The modular electronics form the basis for integrated networking, flawless data transmission, and integration into Internet of Things concepts.
- Save valuable control cabinet space with compact valve design that packs higher flow rates into efficient valve package
- Effortlessly communicates with modern control systems via all standard fieldbus systems
- Features an excellent volume-to-flow ratio as well as a record-breaking energy balance

Main Features:

- **Modular Valve System:** Highly modular for customised and expandable setups.
- **Maximum Availability:** Up to 128 solenoid coils with proportional control and wide integration.
- **High Flow Rates:** Delivers excellent flow performance (up to 700 l/min depending on size).
- **Multiple Sizes Available:** AV03 and AV05 modules to fit different performance needs.
- **Energy Efficiency:** Optimised flow paths reduce energy consumption.
- **Integrated Electronics:** Optional electronics for fieldbus connectivity (e.g., PROFINET, EtherNet/IP).
- **Diagnostic Capabilities:** Built-in LED status indicators and advanced monitoring.
- **Mounting Flexibility:** DIN rail or manifold mounting options.
- **IP65 Protection:** Durable for use in harsh industrial environments.
- **I/O Modules:** Up to 10 I/O modules can be connected.
- **Valves & Modules:** Easy to replace and expand.
- **Wide Certification:** CE, UL & ATEX options.
- **Fully Configurable Online:** Instant design and documentation available via intuitive configuration

AV03



AV05



 SCATTERGOOD
& JOHNSON LTD
ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS
Est. 1899

AVENTICS™

 EMERSON

CE

UL
LISTED



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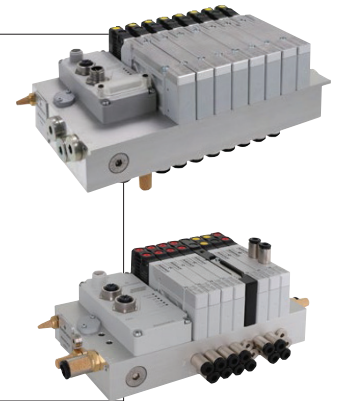
AVENTICS™ Series XV Valve System

Ideal for simpler automation tasks where space and cost are primary concerns.



The system for compact pneumatic applications

- Increase machine uptime and reduce maintenance requirements with reliable AVENTICS core valve technology tested and proven to deliver extended life cycles
- Save valuable control cabinet space with compact valve design that packs higher flow rates into an efficient valve package
- Create more flexible and productive manufacturing systems
- Improve pneumatic system efficiency and compressed air utilization with excellent flow-to-volume ratio



Main Features:

- **Space-Saving:** 10.6mm wide design, specifically for applications with tight installation spaces.
- **Maximum Availability:** Up to 48 solenoid coils, wide integration and a large range of accessories.
- **High Flow Rates:** Delivers excellent flow performance (up to 850 l/min depending on size).
- **Simplified Installation:** Easy plug-and-play mounting and wiring.
- **Integrated Manifold System:** Reduced number of components for leaner setup.
- **Cost-Efficient:** Budget-friendly for standard pneumatic control tasks.
- **Manual Override:** Easy-to-access manual control for setup and testing, with integrated webserver for valve control without the need of a PLC program.
- **Proven Core Valve Technology:** Proven core valve technology for extended service life.
- **Universal Threads:** Supports British Standard Pipe Parallel (BSPP) & National Pipe Taper (NPT) threads.
- **Robust Base Plate:** Aluminium base plate ready for cabinet assembly.
- **Fully Configurable Online:** Instant design and documentation available via intuitive configuration.

XV03



XV05



AVENTICS™



(Expected mid 2026)

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