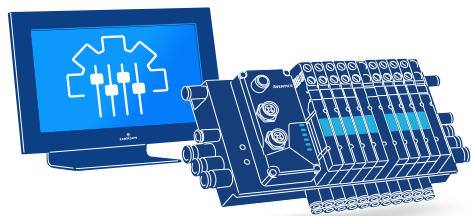


AVENTICS™ Series XV Valve System

Boosting Machine Efficiency

Empower agile, robust, and globally scalable automation with cutting-edge pneumatic valve technology.

- Accelerate design and machine build cycles with intuitive online configurator that simplifies complex system creation and significantly reduces engineering time.
- Ensure robust, reliable machine performance and increase uptime using proven AVENTICS™ core valve technology, metal threads, and an aluminum base plate for extended service life in demanding applications.
- Optimize control cabinet space and pneumatic system efficiency with compact valve designs that deliver excellent flow-to-volume ratios within smaller footprints.
- Simplify global deployment and support with universal threads (BSPP and NPT) that ensure compatibility across diverse regional standards, streamlining your international projects.



100 MILLION
POSSIBLE VALVE SYSTEM CONFIGURATIONS
Configurable functionality at your fingertips.

AVENTICS™


EMERSON™

Engineer Agile, High-Performance, Globally Ready Machines with AVENTICS XV

The AVENTICS XV valve system delivers unmatched modularity, superior flow efficiency, and global compatibility in a compact, durable design. Engineered for forward-thinking machine builders, it enables rapid customization and seamless integration to meet diverse automation demands.

Global Versatility

- Universal threads (compatible with BSPP & NPT) for simplified global deployment and supply.
- Meets regional standards—no compatibility headaches.



Compact & Customizable

- Front, bottom or top pneumatic connections enable seamless integration in tight control cabinets.
- XV03 handles up to 350 NL/min; XV05 up to 1000 NL/min (high flow in compact footprint).
- Extensive accessory range: pressure regulators, shut-off valves, speed/throttle modules, supply/exhaust modules, check valves—for tailored machine design.



Smart Connectivity

- Supports industry-leading communication protocols: PROFINET, Ethernet/IP, EtherCAT, Powerlink, Modbus TCP, IO-Link, AS-I, CANopen, Profibus.



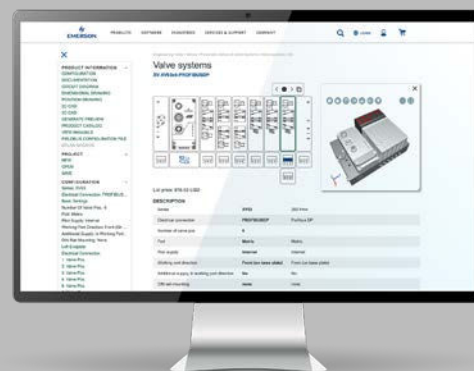
- Parallel wiring options (D-SUB 25/44-pin, terminal strip).
- Easy to exchange post-install.



Industry Leading Configuration Tools

- AVENTICS online configurator guides system layout, accessory selection, CAD model generation, pricing, and part number creation.
- Speeds quoting and machine design—turn concepts into reality quicker.

Configure your XV system now
- visit our online configurator.



XV03



Learn more about
the XV Series.



XV05



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