

Festo Introduces a Uniquely Engineered Angle Seat Valve

The Festo VZXA decouples the actuator from the valve seat for installation, maintenance, and operational benefits

The new [Festo VZXA](#) family of pneumatically actuated angle seat valves delivers installation, maintenance, operational, and inventory benefits thanks to a unique modular design.

When a VZXA actuator is removed for maintenance or changeover, for example, the stem, seat, and seal stay inside the valve body, allowing the process system to remain pressurized. In applications containing hazardous materials, those materials reside safely within the system, saving cleaning time and lowering health and safety risks of contamination. No other angle seat valve offers these operational benefits.

Reinstalling the actuator is simply a matter of screwing it into the valve body. The actuator does not have to be pressurized, which eliminates strain on the stem, seat, and seal and lowers the potential of damaging the valve seat. The modular design is ideal for valve manifold applications where speedy assembly, ease of maintenance, and compact size are pluses.

Modularity lends itself to valve body repair as stem, seat, and seal are individual components with readily available replacement parts. The valve family's standardized design ensures every VZXA actuator is compatible with every valve body in the family. The universal fit between actuators and valve bodies simplifies ordering and inventory management.

An [online valve configurator](#) enables the correct valve for the application – standard or custom – to be specified and ordered in a matter of minutes. Normally open, normally closed, and double acting actuators are available.

Line connections include threaded, sanitary clamp, and welded end. Sanitary clamps work best in washdown and clean-in-place applications where quick connect/disconnect are beneficial. Valve body materials include stainless steel and brass. Actuator bodies are stainless steel or polymer. Each VZXA actuator has an optical indicator showing valve position.

Accessories include sensors for digital feedback, a piloting banjo valve, and stroke limiter for the open stroke. Valve body sizes up to two inches are assembled at the Festo Mason, Ohio, Global Production Center. Delivery can be expected within a week for both standard and custom configurations.

Angle seat valves are used for high volume flow control of water, steam, and corrosive materials. They are in high demand because of their nearly universal applicability in terms of wide temperature and pressure ranges, compact footprint, long service life, low cost, material options, high performance, and ready availability.

A short informational [video](#) provides a helpful summary of the features and benefits of the VZXA family as well as showing the modular design. For more information on the advantages of working within the Festo ecosystem of less engineering overhead, fast time to market, and

24. January 2023

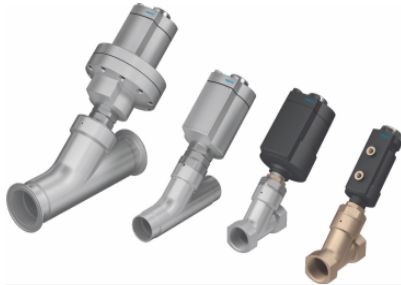
Responsible
according to press
law:
Christian Österle



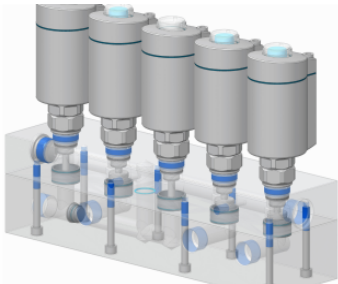
Download/View press
release and press
images.

seamless connectivity, visit <https://www.festo.us>.

Press Images



The valve family's standardized design ensures every VZXA actuator is compatible with every valve body for simplified ordering and inventory management.



The VZXA modular design is ideal for valve manifold applications where speedy assembly, ease of maintenance, and compact size are pluses.