

Festo online configurator tool simplifies sizing of process valves

From manually operated to automated process valves, the new configurator tool for process valves from Festo makes selecting the right solution easy and less time-consuming. A task that used to take a few hours now takes minutes to complete. This configurator tool has made finding, selecting, sizing and ordering the perfect KVZB ball valve or KVZA butterfly valve simple with just a few clicks. All users have to do is select a few parameters, and the configurator will immediately suggest appropriate combinations, making engineering in the process industry fast and reliable.

The configurator for process valve units significantly simplifies engineering. The tool ensures quick and successful project management by taking all relevant factors into account starting from initial product search, configuration, sizing and documentation, right through to ordering and delivery of the process valve unit including customer-specific requests. Festo combines everything in one tool. Further to this, information on pricing and delivery is visible immediately to Festo online shop customers, providing complete transparency and facilitating an efficient procurement process.

The Festo process valve units are tailored and ready-to-install, all components are perfectly matched and sized for specific applications from butterfly or ball valves, quarter-turn actuators, pilot valves, sensor boxes, positioners, adaptor kits and hand levers. Whether it is the ease of manually actuated combinations, a unit with pilot valves and a sensor box or a unit with a positioner, customers have the option to choose their required parameters in the input menu then the flexible configurator suggests the right solutions. Other configurator benefits include:

- *User-friendly interface.*
- *Advice on solutions.*
- *Specific 2D/3D CAD files available for download after configuration.*
- *Configuration-compatible bill of materials available for download.*
- *Delivery date query possible.*

Order ID and CAD download included

Together with the proposed solution for customers' requirements, the configurator generates an order ID for the complete combination, which can be used for placing future orders. There are also benefits in terms of documentation because the CAD data for the complete module can be downloaded in accordance with the configuration. Configuration-compatible data sheets are also available, as well as 2D CAD data and 3D CAD models in many native and neutral formats. The relevant certification for the assemblies is also made available through the Festo online platform.

Standard components included in the KVZB and KVZA process valve units

03. December 2020

Responsible
according to press
law:
Christian Österle



Download/View press
release and press
images.

Sensor box SRBC

The Festo sensor box SRBC is a reliable and cost-effective solution for electronic position sensing and optical position indication of automated process valves. Its many mechanical, inductive or magnetic switch variants make it extremely flexible and suitable for virtually any application. The SRBC includes an intrinsically safe variant, certified to ATEX for Zone 1 and 21 for use in potentially explosive areas. The sensor box can be mounted quickly and easily on quarter-turn actuators with port patterns to VDI/VDE 3845 thanks to pre-assembling bridges. It is not only quick to mount on a quarter turn actuator, but it is also extremely easy to commission: the actuating cams can be set without any additional tools. SRBC is extremely versatile in use and plays an extensive role in the configuration of process valves.

Sensor box SRBG

The sensor box SRBG is a compact and economically friendly solution for optical position indication and electrical position of automated or manually actuated process valves. It can be easily and directly mounted without accessories and require minimal space, to provide fast and simple mounting and commissioning. Direct mounting on quarter-turn actuators with a mounting interface to VDI/VDE 3845 does away with the need for adjustment thanks to fixed mounting holes in the sensor housing. Two actuating element sizes are sufficient for position sensing, regardless of the size of the actuator and its direction of rotation.

Quarter-turn actuator DFPD

Known as the benchmark for quarter-turn actuators, the DFPD can be used as an individual actuator or as part of a complete automated process valve system from Festo. With a torque range from 10 to 2.300 Nm, a rotation angle up to 180° and corrosion-resistant versions, the single or double-acting DFPD is suitable for ball valves, butterfly valves or air dampers in all industries.

Positioner CMSX for linear and quarter-turn actuators

The newly optimised positioner CMSX for single and double-acting linear and quarter-turn actuators is as economical as it is reliable. It is the top performer in its class in the non-explosive area. Its extra features include an excellent price/performance ratio, energy-efficient operation, high process reliability thanks to analog or digital

feedback signals and definable safety positions, making it an ideal addition in the process valve family.

Standard NAMUR valve VSNC

The standard NAMUR valve VSNC's distinguishing features are a modern design, durable quality, fully tested technology and materials. The product also offers an attractive price/performance ratio – this is what modern NAMUR valves should be. Whether you are using a single or double-acting actuator, our VSNC offers the right solution with just one valve.

Breakthrough for process automation in digitalisation

With the configurator for process valve units, Festo is driving digitalisation and supporting its customers to enter the age of Industry 4.0. As an automation expert, Festo is combining its extensive knowledge of industrial applications with the latest developments in information technology to realise online applications for the process automation industry.

Festo is also using digital communication to support its customers throughout their digital journey. This digital journey safely and comprehensively guides users through the Festo process valve portfolio, from information procurement and configuration through ordering and delivery to commissioning and maintenance, and even the technical training offering of Festo

Didactic.

Press Images



Configurator for butterfly valve units KVZA

Quick and easy online configuration of butterfly valve units – the KVZA from Festo makes this possible.



Configurator for ball valve units KVZB

Quick and easy online configuration of ball valve units – the KVZB from Festo makes this possible.