Control cabinets for controlling process valves in water technology

Configure and order the right control cabinet in just a few minutes with the Cabinet Guide Online. This saves you valuable time when planning and designing water treatment plants.
Save engineering time and costs

**Use the Cabinet Guide Online – it’s worth it!**
Our online tool revolutionises how control cabinets for water technology are designed. Poring over catalogues, the tedious process of sending enquiries to suppliers, sizing individual components and many other steps on the way to finding the right control cabinet are now a thing of the past. This means that you can focus entirely on your core technical and business competencies.

**The benefits of the control cabinet configurator**
- Configure the right control cabinet in record time
- Simple, intuitive to use
- Application-specific sizing
- CAD model and EPLAN circuit diagram can be integrated into your documentation
- Planning certainty as a net price is immediately offered
- Repeat orders via order ID
- Ready-to-install solution
Here's how simple it is

1. Fill in the data for your application using the structured questions. You don’t need any detailed technical knowledge for this.

2. Describe the process valves you want to control using the control cabinet, and the intelligent online tool automatically configures the right solution.

3. It is also possible to adapt the default values individually and select additional options.

4. You then confirm your entries and the net price is calculated immediately. You can order it straight away and the ready-to-install control cabinet will be delivered to you.

To the control cabinet configurator:  
→ www.festo.com/cabinets-water
New standards for time to market

Just enter your application, configure, select, order
The control cabinets that are configured using the Cabinet Guide Online enable you to control 4 to 20 pneumatic process valves and to process electrical I/O signals. Depending on the configuration, the control cabinets are suitable for installation indoors or outdoors. The time you need to assemble, parameterise and commission is significantly reduced. Circuit and connection diagrams in EPLAN, CAD model data as well as documentation and a CE declaration of conformity are all included.

Power supply
- 230 V
- 24 V*
- 400 V*

Fieldbus protocols
- PROFIBUS
- PROFINET
- CANopen*
- EtherCAT®*
- EtherNet/IP*
- Modbus®/TP*

Connectivity options
- for end-position sensing or remote I/O
- Up to 80 digital inputs/outputs
- Up to 16 analogue inputs/outputs

Controlling 4 – 20 process valves
- Open/closed or controlled actuator
- Nominal width of the application DN8 – 800

Valve function
- Single solenoid (for single-acting actuator)
- Double solenoid (for double-acting actuator)

*Optionally available on request
Tailored to your ideas

One housing for infinite variety on the inside
Whenever configuration you choose, the control cabinet is always the same. It protects key electric and pneumatic components and ensures that your systems comply with all directives and industry-specific requirements. Thanks to its modular basic design you can, however, tailor the equipment inside the cabinet to your application. In order to ensure compliance with high quality requirements, we thoroughly test each control cabinet before delivery.

Service unit
- Manual on/off valve
- Filter regulator
- Branching module with pressure switch

Manual operation
- Toggle switch, electric or pneumatic
- Operator unit 7 or 13 inch*

Housing sizes
- 760 x 760 x 300 mm
- 1000 x 800 x 300 mm

Housing material
Based on installation site
- Coated sheet steel
- Stainless steel

Accessories
- Interior lighting
- Heating
- Serial number on rating plate
- Rain shelter*
- Inspection window in control cabinet door*

*Optionally available on request
Need an even more tailored solution?
The modular system of the Cabinet Guide Online covers the most frequently used control cabinet variants. If you still can’t find what you are looking for, you can save the current status of your configuration and send an online request to our project engineers. You will then receive a personalised offer.

Options for an even more personalised solution:
• Controlling more process valves
• Installing third-party components
• Further fieldbus protocols
• Solutions for ATEX zone 1/21 or ATEX zone 2/22
• Special certifications
• And much more ...

Configure the right process valve units too – pre-assembled and ready-to-use
To the configurator for butterfly valve units: → www.festo.com/kvza
To the configurator for ball valve units → www.festo.com/kvzb