

Solutions for Water Treatment Skids

Reduce cost and improve performance

FESTO

40 years

Advancing Automation



Festo has dedicated engineering resources to develop solutions specific to the water industry. The result has been some innovations that are unique to Festo and offer cost and efficiency benefits to companies building water treatment skids.

One Stop Supplier

Festo can provide process valve assemblies, valve terminals, I/O, sensors, air preparation, tubing, fittings, and control cabinet solutions globally. This reduces vendor count and simplifies service and training.

Global Support

Festo can support your applications in over 200 countries. Products on your exported equipment will be serviced by Festo.

Environmental Protection

The Festo CPX network and I/O platform is standard IP65/67 rated which offers higher protection for wet environments.

For more information: www.festo.com/us/water

Water.PSI.US

Product Short Information

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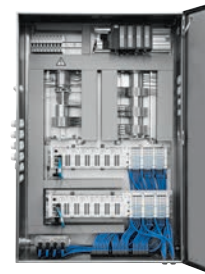
High Capacity Valve Terminals

Instead of being limited to 32 solenoids on a valve terminal, Festo MPA valves accommodate up to 128 solenoids on one node, therefore saves cost and reduces installation space.



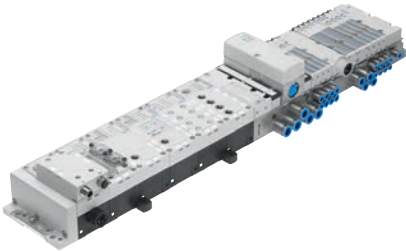
High Cycle Process Valves

Our VZAB butterfly valve with modified seal and DAPS scotch yoke actuator is designed specifically for high cycle filtration applications to last 3 to 4 times longer than typical valves.



Process Control Cabinets

A valve manufacturer with three domestic UL508A shops ready to design and produce cabinets generates a significant cost savings.



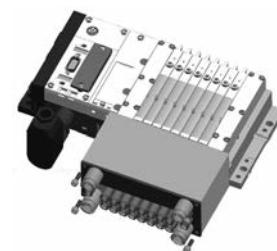
Integrated I/O and I/P

MPA valves are networked to the CPX I/O platform which include proportional pressure control, integrated pressure transducer, and supports multiple size valves. The most control on one platform available.



Pneumatic Linear Actuator with Integrated Control

Patented by Festo, the DFPI is a linear pneumatic actuator with closed loop analog control integrated. Lower cost than comparable electrical version, longer life, simpler service requirements, and better design than competitive pneumatic solutions.



Reduce Cabinet Installation Costs by 30%

The MPA and CPV valves have bulkhead connection plates which saves up to 30% of installation costs in time and parts. Only requires one slot in cabinet instead of dozens of bulkhead punch outs. All pneumatic connections are outside the cabinets. This eliminates expensive bulkhead connectors and labor to plumb the inside of the cabinet.

Flexible network interfaces

An industry leading number of protocols means the valves series does not have to change when your client requires a different protocol. Industrial protocols include:

- DeviceNet
- Ethernet IP
- Profibus
- Profinet
- CANopen
- IO-Link
- and more...

High Resolution Analog Cards

CPX Analog inputs are available with 16 bit resolution. This allows quicker and more accurate measurement of ΔP across the filtration media.

Centralized Control of Valve Speed

Maintain control of process valve speed at the centralized valve terminal. Flow controls are available on VTSA, MPA and CPV valve terminals.

Diagnostics to Avoid Field Service

The CPX will provide your controller with the status and performance of the I/O and unique to Festo includes information on the pneumatic valves. This is accessible remotely thru Ethernet or service port connection.



Diagnostics for Field Service

Via your controller, free Festo software, or Festo handheld the CPX will provide real time information and last 40 diagnostic events with time stamp. This allows technicians to pinpoint issues quickly.

Festo Corporation

Commercial support:
Call: 1.800.99.FESTO (1.800.993.3786)
Fax: 1.800.96.FESTO (1.800.963.3786)
Email: customer.service@us.festo.com
Visit: www.festo.com/us

Technical support:
Call: 1.866.GO.FESTO (1.866.463.3786)
Fax: 1.800.96.FESTO (1.800.963.3786)
Email: product.support@us.festo.com