

Servo-controlled solenoid valve VZWP

FESTO



Large operating pressure range for new applications: the new series VZWP extends the existing solenoid valve series VZWM. The use of a sealing piston instead of a diaphragm means that even high pressures can be controlled with a large nominal diameter. The normally closed function (normally open is not achievable with this concept) ensures that the solenoid valve closes if power is lost.

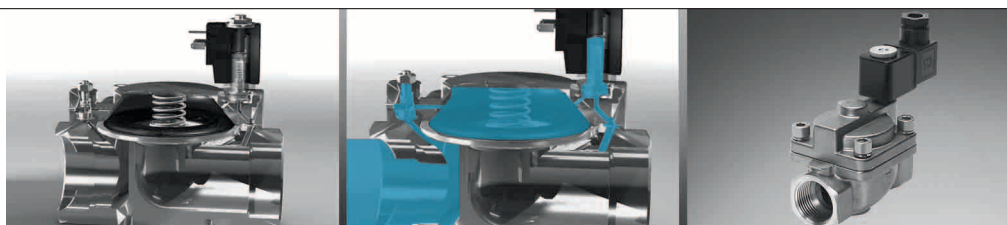
Virtually unlimited use

Valves VZWP can be operated with water, air and neutral media. Wherever there is a pressure difference between the valve input and output. This includes applications where the medium is expelled into the open air or flows into an unpressurised container downstream of the valve. The new valve concept is not, however, suitable for closed circuits.

From production automation to process automation

The series includes brass valves with a choice of nitrile rubber and fluoro elastomer seals, enabling the valve to be tailored to the respective application. You can also choose between G and NPT thread for the pipe connection.

VZWP = the valve series for high pressures



Servo-controlled...

...Small coils

...Ready-to-install

910.16 PSI →

Product Short Information

Servo-controlled solenoid valve VZWP

Main applications

Controlling material flows (gaseous and liquid) in production and process automation applications with:

- a differential pressure of at least 0.5 bar
- an open medium circuit
- media with viscosity up to 22 mm²/s

Industries

- Bottling plants (secondary circuit)
- Irrigation plants
- Well engineering
- Sanitary engineering
- Water treatment
- Mixing plants
- Pipeline construction
- Pneumatics (production automation)



Technical data	
Function	2/2-way valves, N/C
Design	Piloted piston poppet valve
Mounting position	Coil preferably on top
Connecting thread	G thread and NPT thread
Valve housing material	Brass
Seat seal material	Nitrile rubber, fluoro elastomer
Sizes	1/2" ... 1"
Operating pressure	0.5 ... 40 bar
Process valve nominal pressure (PN)	40
Differential pressure	0.5 bar
Temperature of medium	-10 ... 80 °C
Operating voltage	24 V DC, 110 V AC, 230 V AC

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