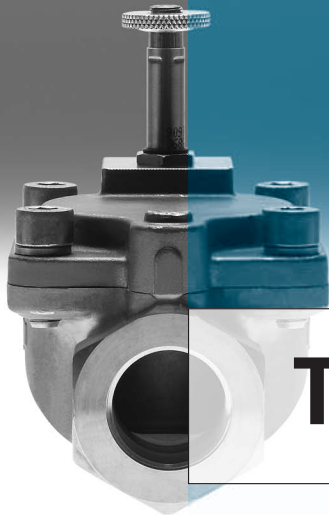


Air/water valve VZWM

FESTO



Two in one!

Good news for diaphragm valve users:

Festo's successful series is being expanded further. The name of the new family member is the air/water valve VZWM, both technically and economically the ideal choice for the control of media. The VZWM operates with diaphragm technology and differential pressure. It has an armature tube for fitting a solenoid coil of your choice.

New: Two operating media

Two operating media with one valve: Air and water. For universal use with both media.

A complete series

5 sizes are available between 1/4" and 1".

Wide choice of variants

Robust and designed for various applications: Variants with brass or stainless-steel housings, NBR diaphragms, and G or NPT pipe-thread connections.

Well-thought-out accessories

The accessories have been created to enable the valves to be used in almost any position. A high-quality mounting bracket and a wide choice of coils and plug sockets make the VZWM the virtually universal choice for the control of media.



One product ...

two media ...

for universal applications!

910.7.PSI →

Product Short Information

Air/water valve VZWM

Diaphragm valves with G threads

Designation	
Brass	VZWM-L-M22C-G14-F4
Brass	VZWM-L-M22C-G38-F4
Brass	VZWM-L-M22C-G12-F4
Brass	VZWM-L-M22C-G34-F4
Brass	VZWM-L-M22C-G1-F4
Stainless steel	VZWM-L-M22C-G14-F5-R1
Stainless steel	VZWM-L-M22C-G38-F5-R1
Stainless steel	VZWM-L-M22C-G12-F5-R1
Stainless steel	VZWM-L-M22C-G34-F5-R1
Stainless steel	VZWM-L-M22C-G1-F5-R1

Diaphragm valves with NPT threads

Designation	
Brass	VZWM-L-M22C-N14-F4
Brass	VZWM-L-M22C-N38-F4
Brass	VZWM-L-M22C-N12-F4
Brass	VZWM-L-M22C-N34-F4
Brass	VZWM-L-M22C-N1-F4
Stainless steel	VZWM-L-M22C-N14-F5-R1
Stainless steel	VZWM-L-M22C-N38-F5-R1
Stainless steel	VZWM-L-M22C-N12-F5-R1
Stainless steel	VZWM-L-M22C-N34-F5-R1
Stainless steel	VZWM-L-M22C-N1-F5-R1

Technical data	
Function	2/2-way valve
Design	Poppet valve, indirectly actuated with diaphragm control
Installation position	Any
Connection thread	G or NPT thread
Valve housing material	Brass or stainless steel
Diaphragm seal material	NBR
Sizes	1/4", 3/8", 1/2", 3/4", 1"
Electrical interface	Armature tube
Min. pressure difference for switching action [bar]	1/4" ... 1" = 0.5
Bursting pressure [bar]	40
Nominal operating pressure [bar]	Air 0.5 ... 10 Water 0.5 ... 6

Technical data: for coils	
Function	2/2 NC
Electrical interface	Armature tube
Coil voltages	24 V DC, 110 V AC, 230 V AC

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