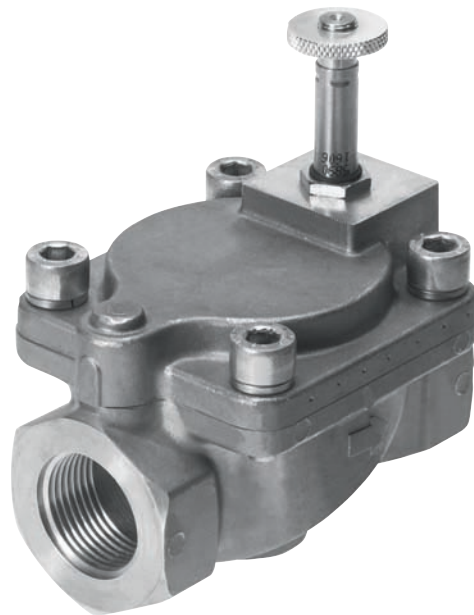


Air/Water Valve VZWM

For Universal Use with Both Media

FESTO



Brass or Stainless-steel Housings, G or NPT Pipe-thread Connections

Good News for Diaphragm Valve Users:

Festo has added to its successful series of valve products with the new air/water valve VZWM. Technically and economically, VZWM is the ideal choice for the control of media. VZWM operates with diaphragm technology and differential pressure. It has a standard CNOMO interface which allows pilot valves to be fitted via adapters. It is also available with an armature tube for fitting a solenoid coil of your choice.

Expanded Media for Universal Use

Operates with air or water: compressed air, neutral gases, water, and neutral fluids.

A Complete Series

8 sizes are available from 1/4" to 2", with flow rates ranging from 1,400 to 31,000 l/min.

Choice of Configurations

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

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 with and without ATEX approval make the VZWM the universal choice for the control of media.

VZWM.PSI.US

Product Short Information

Air/Water Valve VZWM

For Universal Use with Both Media

Diaphragm valves with G threads

Designation	
Brass	VZWM-L-M22C-G14-P2
Brass	VZWM-L-M22C-G38-P2
Brass	VZWM-L-M22C-G12-P2
Brass	VZWM-L-M22C-G34-P2
Brass	VZWM-L-M22C-G1-P2
Brass	VZWM-L-M22C-G114-P2
Brass	VZWM-L-M22C-G112-P2
Brass	VZWM-L-M22C-G2-P2
Stainless steel	VZWM-L-M22C-G14-P2-R1
Stainless steel	VZWM-L-M22C-G38-P2-R1
Stainless steel	VZWM-L-M22C-G12-P2-R1
Stainless steel	VZWM-L-M22C-G34-P2-R1
Stainless steel	VZWM-L-M22C-G1-P2-R1
Stainless steel	VZWM-L-M22C-G114-P2-R1
Stainless steel	VZWM-L-M22C-G112-P2-R1
Stainless steel	VZWM-L-M22C-G2-P2-R1

Diaphragm valves with NPT threads

Designation	
Brass	VZWM-L-M22C-N14-P2
Brass	VZWM-L-M22C-N38-P2
Brass	VZWM-L-M22C-N12-P2
Brass	VZWM-L-M22C-N34-P2
Brass	VZWM-L-M22C-N1-P2
Brass	VZWM-L-M22C-N114-P2
Brass	VZWM-L-M22C-N112-P2
Brass	VZWM-L-M22C-N2-P2
Stainless steel	VZWM-L-M22C-N14-P2-R1
Stainless steel	VZWM-L-M22C-N38-P2-R1
Stainless steel	VZWM-L-M22C-N12-P2-R1
Stainless steel	VZWM-L-M22C-N34-P2-R1
Stainless steel	VZWM-L-M22C-N1-P2-R1
Stainless steel	VZWM-L-M22C-N114-P2-R1
Stainless steel	VZWM-L-M22C-N112-P2-R1
Stainless steel	VZWM-L-M22C-N2-P2-R1

Technical Data	
Function	2/2-way valve
Design	Poppet valve, indirectly actuated with diaphragm control
Installation position	Any
Connection thread	G or NPTthread
Valve housing material	Brass or stainless steel
Diaphragm seal material	NBR
Sizes	1/4", 3/8", 1/2", 3/4", 1" 1 1/4", 1 1/2", 2" with adjusting screw
Electrical interface	CNOMO or armature tube
Pressure range for valve [psi]	7 ... 145
Min. pressure difference for switching action [psi]	1/4" ... 1"=4 1 1/4" ... 2"=7
Bursting pressure [psi]	580
Medium temperature [°F]	14 ...140

Accessories: Pilot Actuator – Technical Data	
Function	2/2 NC
Electrical interface	CNOMO
Coil voltages without ATEX approval	24 V DC, 24 V AC, 110 V AC, 230 V AC
Coil voltages with ATEX approval	24 V DC, 24 V AC, 110 V AC, 230 V AC
ATEX approval	II 2 GD EEx m molded with 5 m cable
Medium temperature [°F]	For air: -4 ... 122 For water: 41 122
Ambient temperature [°F]	For air: -4 ... 122 For water: 41 ... 122

Festo Corporation

For ordering assistance, or to find your nearest Festo Distributor,
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