

2/2-Way Filter diaphragm valve, 3/4" up to 2" Series VP and VR

VP



VR

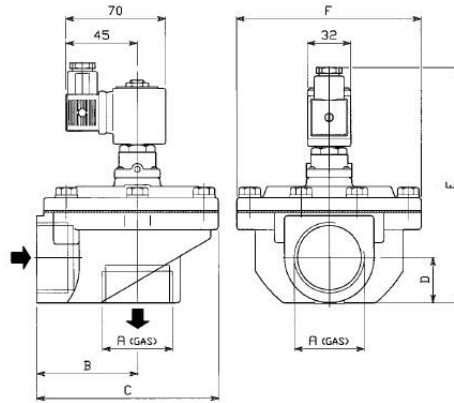
Design type	2/2-way Filter diaphragm valve, de-energized closed, with or without pilot valve
Connection	G3/4"...G2" according to ISO228/1, Outlet port at 90° to the inlet port
Materials	Body Aluminium anodized, Spring and screws Stainless steel, Diaphragm material NBR (Perbunan) bzw. FKM
Mounting type	Installation in rigid piping system
Mounting position	any
Switching time	approx. 100ms (depending on the connection size)
Medium	Air
Medium temperature	Diaphragm material NBR -15...+100°C, Diaphragm material FKM -20...+200°C
Ambient temperature	-20°C...+60°C
Scope of delivery	incl. connector according to industrial form B, Connector width 22mm, Cable entry M16x1,5, Cable diameter 6-8mm
Special version	higher ambient temperature, Valve complete in stainless steel, ATEX
Voltage type	AC and DC voltage
Standard voltage	220V/50-60Hz, 110V/50-60Hz, 24V/50-60Hz, 24VDC
Power consumption	20W
Degree of protection	IP65 according to EN 60529 with properly mounted device connector (protection against dust ingress and water jets)
Application note	When ordering, please specify voltage and type of current. These valves are used for cleaning filters with air. For all other applications please contact us for consultation.

Type code

V	— —	V	— — —	220/50-60Hz
	Pwith mounted Pilot valve	VDiaphragm material FKM	06G3/4"	220V/50-60Hz
	Rwithout Pilot valve, for external Actuation		08G1"	110V/50-60Hz
			12G1 1/2"	24V/50-60Hz
			14 G1 1/2"	24VDC
			16G2"	



Dimensions VP



Connection A	Nominal size DN[mm]	Pressure range [bar]	B	C	D	E	F	G	H	I	Kv value [m³/h Water]	Number of diaphragms	Weight [approx. kg]	Type
G3/4"	30	1,5-8	52	90	23	138	75	22	65	50	20,9	1	0,55	VP06
G1"	30	1,5-8	52	90	23	138	75	22	65	50	20,9	1	0,65	VP08
G1 1/2"	44	1,5-8	72	130	31	160	135	22	65	50	44	1	1,4	VP12
G1 1/2"	44	1,5-8	72	130	31	201	135	22	65	50	44	2	1,5	VP14
G2"	56	1,5-8	91	160	39	191	160	22	65	50	78,5	2	2,5	VP16

Dimensions VR

□

Connection A	Nominal size DN[mm]	Pressure range [bar]	B	C	D	E	F	L	Kv value [m³/h Water]	Number of diaphragms	Weight [approx. kg]	Type
G3/4"	30	1,5-8	52	90	23	138	75	G1/4"	20,9	1	0,25	VR06
G1"	30	1,5-8	52	90	23	63	75	G1/4"	20,9	1	0,35	VR08
G1 1/2"	44	1,5-8	72	130	31	85	135	G1/4"	44	1	1,1	VR12
G1 1/2"	44	1,5-8	72	130	31	126	135	G1/4"	44	2	1,2	VR14
G2"	56	1,5-8	91	160	39	146	160	G1/4"	78,5	2	2,2	VR16

Illustrations non-binding
Design, dimensional and material changes reserved

Pneumatics / Way-valves - electrically / pneumatically / Other materials - P02 / Series VNP2

Version 7

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