

## Electro-Pneumatic Valve

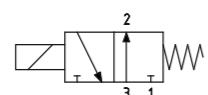
### 3/2-ways solenoid valve EMVK

#### Description

Robust 3/2-ways valve, directly controlled with spring return for vacuum and compressed air applications. The valves are generally in NO design (currentless open), which keeps the valve in the „suction“-condition in case of a sudden power failure. The valves are equipped with a thread connection for installation.

#### Application

- for „suction“ and „release“ control
- control of ejectors and pneumatic parts
- separate blow-off impulse with max. 8 bar
- any mounting position



Function diagram EMVK



EMVK-1/8" ... EMVK-1/4"

#### Article number

Type		suitable ventilation filter		suitable vacuum filter	
EMVK-3/2-1/8-24V	1.51.2.0093	BFS-1/8	1.53.1.0012	VFK-1/8	1.53.2.0020
EMVK-3/2-1/4-24V	1.51.2.0067	BFS-1/4	1.53.1.0013	VFK-1/4	1.53.2.0018

#### Technical data

Type	Pressure range (bar)	Nominal width (mm)	Flow rate		Switch.cycles (1/min)	Switching time (ms)	Temperature (°C)	Weight (kg)
			(m³/h)	(l/s)				
EMVK-3/2-1/8-24V	-0,95 ... 8	3	3,3	0,9	1200	8	-5 ... +45	0,12
EMVK-3/2-1/4-24V	-0,95 ... 8	4	4,7	1,3	800	10	-5 ... +45	0,27

#### Electrical data

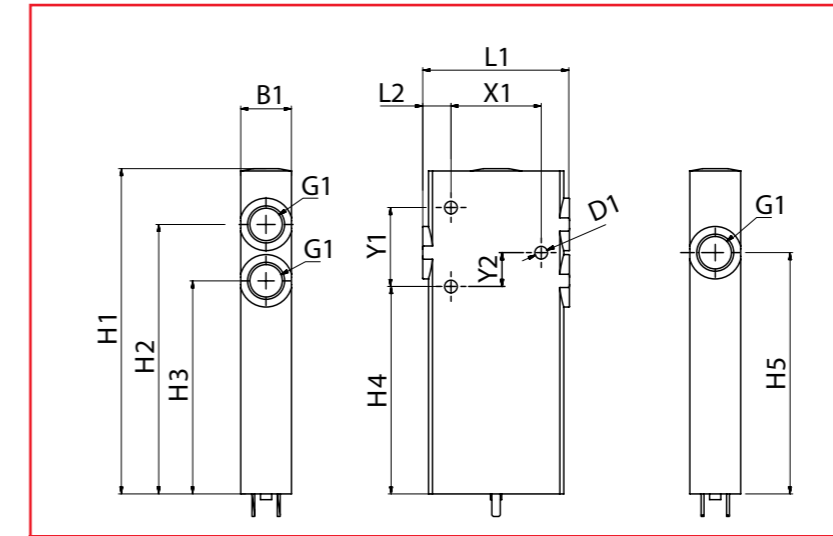
Type	Voltage (V)	Power (W)	Safety class	Isolation class	On-time	Connection
EMVK-3/2-1/8-24V	24	3,7	IP 65	H	100 %	Stecker 2S
EMVK-3/2-1/4-24V	24	8,5	IP 65	H	100 %	Stecker 2S

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Simply move more.

## Electro-Pneumatic Valves

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EMVK-1/8" ... EMVK-1/4"

#### Dimensions

Type	L1	L2	B1	H1	H2	H3	H4	H5	D1	G1	X1	Y1	Y2
EMVK-3/2-1/8-24V	45	10	14	95	79,5	63,5	61,5	71,5	4,5	G1/8	25	20	10
EMVK-3/2-1/4-24V	52	10	18	115	95,5	75,5	73,5	85,5	4,5	G1/4	32	28	12

#### Connection cable

Type	Electrical connection	Switching condition display	Material	Length	
AK-EMVK-2,5M-PUR-LED	6.35.3.1328	Stecker - 90°	LED	PUR	2,5 m
AK-EMVK-5M-PUR-LED	6.35.3.1329	Stecker - 90°	LED	PUR	5 m
AK-EMVK-10M-PUR-LED	6.35.3.1330	Stecker - 90°	LED	PUR	10 m

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