

Solenoid Valves EMVO

Nominal diameter from 12 mm to 25 mm



Suitability for Industry Specific Applications



Applications

- Solenoid valve for use at high volume flow rates in systems with large cross sections
- Control of vacuum and venting of the suction cup
- Suitable for neutral or filtered air

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Design

- Directly controlled solenoid valve
- Switching function (NC)
- Seat valve in housing made of brass and aluminum
- Degree of protection IP 65
- Connection socket complies with DIN 43 650, Form A
- Supplied complete with plug connector

Product Highlights

- 3/2 multiway valve for controlling vacuum on/off or ventilation
- Valve suitable for large nominal flows
- Direct control enables fastest opening and closing times

Designation Code Solenoid Valves EMVO

EMVO	-	12	-	230V-AC	-	3/2	-	NC
1		2		3		4		5

1 – Abbreviated designation

Code	Version
EMVO	EMVO

2 – Nozzle size

Code	Nozzle size in mm
12...25	12 to 25

3 – Voltage

Code	Voltage in V
24V-DC	Direct current
230V-AC	Single phase

4 – Variant

Code	Type
3/2	3/2-way valve

5 – Idle position suction valve

Code	Type
NC	Normally closed
NO	Normally open

Solenoid valve EMVO is delivered as a ready-to-connect product.

Available accessories: venting filter

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Ordering Data Solenoid Valves EMVO

Type	Part no.
EMVO 12 230V-AC 3/2 NC	10.05.01.00052
EMVO 12 24V-DC 3/2 NC	10.05.01.00049
EMVO 20 230V-AC 3/2 NC	10.05.01.00053
EMVO 20 24V-DC 3/2 NC	10.05.01.00050
EMVO 25 24V-DC 3/2 NC	10.05.01.00051

Ordering Data Accessories Solenoid Valves EMVO

Type	Accessories	Part no.
EMVO 12 230V-AC 3/2 NC	Venting filter FAS 80x33.8 G1/2-AG	10.05.01.00061
EMVO 12 24V-DC 3/2 NC	Venting filter FAS 80x33.8 G1/2-AG	10.05.01.00061
EMVO 20 230V-AC 3/2 NC	Venting filter FAS 80x39 G3/4-AG	10.05.01.00062
EMVO 20 24V-DC 3/2 NC	Venting filter FAS 80x39 G3/4-AG	10.05.01.00062
EMVO 25 24V-DC 3/2 NC	Venting filter FAS 80x38 G1-AG EMVP	10.05.01.00063

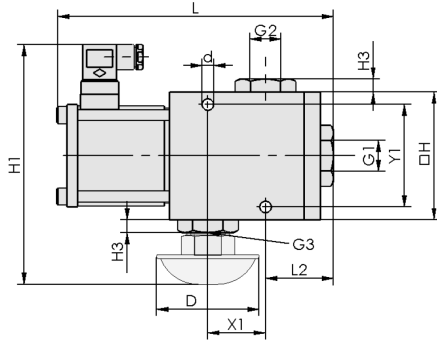
Technical Data Solenoid Valves EMVO

Type	Control valve	Nominal flow rate [m³/h]	Nominal flow rate [l/min]	Power consumption DC [W]	Power consumption AC [W]	Weight [kg]
EMVO 12 230V-AC 3/2 NC	Normally closed	21	350	-	39.1	1.2
EMVO 12 24V-DC 3/2 NC	Normally closed	21	350	31.9	-	1.2
EMVO 20 230V-AC 3/2 NC	Normally closed	72	1,200	-	36.8	5.8
EMVO 20 24V-DC 3/2 NC	Normally closed	72	1,200	40.8	-	5.8
EMVO 25 24V-DC 3/2 NC	Normally closed	101	1,684	40.8	-	5.7

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Type	d [mm]	D [mm]	G1	G2	G3	H [mm]	H1 [mm]	H3 [mm]	L [mm]	L2 [mm]	X1 [mm]	Y1 [mm]
EMVO 12 230V-AC 3/2 NC	6.5	80	G1/2"-F	G1/2"-F	G1/2"-F	60	135.5	-	122	32	24	40
EMVO 12 24V-DC 3/2 NC	6.5	80	G1/2"-F	G1/2"-F	G1/2"-F	60	135.5	-	122	32	24	40
EMVO 20 230V-AC 3/2 NC	9.0	80	G3/4"-F	G3/4"-F	G3/4"-F	100	187.5	10	206	43	45	80
EMVO 20 24V-DC 3/2 NC	9.0	80	G3/4"-F	G3/4"-F	G3/4"-F	100	187.5	10	206	43	45	80
EMVO 25 24V-DC 3/2 NC	9.0	80	G1"-F	G1"-F	G1"-F	100	172.0	-	206	43	45	80