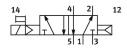
Solenoid valve VSVA-B-M52-AD-D2-F8-1B2

FESTO

Part number: 8033767





General operating condition

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Feature	Value
Valve function	5/2, monostable
Actuation type	Electrical
Width	52 mm
Nominal flow rate standardized according to ISO 8778	4100 l/min
Pneumatic working port	Sub-base, size 2 according to ISO 5599-1
Operating voltage	24V DC
Operating pressure	0.3 MPa 1.6 MPa
Operating pressure	3 bar 16 bar
Structural design	Piston gate valve
Reset method	Pneumatic spring
Degree of protection	IP65 NEMA 4
Nominal width	11.5 mm
Width dimension	53 mm
Exhaust air function	Via individual sub-base
Sealing principle	Soft
Mounting position	Any
Conforms to standard	ISO 5599-1
Manual override	Detenting
Type of control	Pilot-controlled
Pilot air supply port	Internal
Flow direction	Non-reversible
Symbol	00991049
Lap	Overlap
Pilot pressure MPa	0.3 MPa 1 MPa
Pilot pressure	3 bar 10 bar
Suitability for vacuum	no
b-value	0.31
C value	8.221 l/sbar
Flow rate of pneumatic valve	3800 l/min
Flow rate of pneumatic valve on individual sub-base	3100 l/min
Optimized flow rate of pneumatic valve pneumatically concatenated flow	1400 l/min
Max. switching frequency	5 Hz
Switching time off	64 ms
On switching time	56 ms
Duty cycle	100%

Feature	Value		
Coil characteristics	24 V DC: 3.3 W		
Permissible voltage fluctuations	+/- 10 %		
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]		
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)		
LABS (PWIS) conformity	VDMA24364-B1/B2-L		
Temperature of medium	-10 °C 50 °C		
Relative air humidity	0 - 90 %		
Noise level	85 dB(A)		
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]		
Ambient temperature	-10 °C 50 °C		
Max. tightening torque for valve mounting	2 Nm		
Product weight	687 g		
Electrical connection	Form B		
Type of mounting	On sub-base		
Pilot air port 12	Sub-base, size 2 as per ISO 5599-1		
Pilot air port 14	Sub-base, size 2 as per ISO 5599-1		
Pneumatic connection 1	Sub-base, size 2 as per ISO 5599-1		
Pneumatic connection 2	Sub-base, size 2 as per ISO 5599-1		
Pneumatic connection 3	Sub-base, size 2 as per ISO 5599-1		
Pneumatic connection 4	Sub-base, size 2 as per ISO 5599-1		
Pneumatic connection 5	Sub-base, size 2 as per ISO 5599-1		
Pilot interface	as per ISO 15218		
Note on materials	RoHS-compliant		
Seals material	NBR		
Housing material	Die-cast aluminum		
Material of screws	Steel		