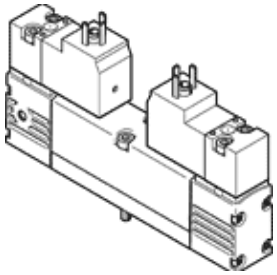
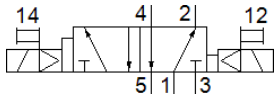
Solenoid valve
VSVA-B-D52-H-A2-3AC1

Part number: 547217

FESTO





Data sheet

Feature	Value
Valve function	5/2 bistable-dominant
Type of actuation	electrical
Valve size	18 mm
Standard nominal flow rate	550 l/min
Working pressure	2 ... 10 bar
Design structure	Piston slide
Protection class	IP65 NEMA 4
Nominal size	5 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Conforms to standard	ISO 15407-1 VDMA 24563
Manual override	Pushing
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	non reversible
Freedom from overlap	Yes
Signal status display	LED
Flow rate of valve	750 l/min
Flow rate of valve on individual subbase	550 l/min
Flow rate of pneumatically linked valve	550 l/min
Switching time reversal	15 ms
Duty cycle	100%
Characteristic coil data	230 V AC: 50/60 Hz, pick-up power 2.9 VA, holding power 2.1 VA
Permissible voltage fluctuation	-15 % / +10 %
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
CE symbol (see declaration of conformity)	according to EU low voltage guideline
Vibration resistance	Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Corrosion resistance classification CRC	0 - No corrosion stress
Medium temperature	-5 ... 50 °C
Relative air humidity	0 - 90 %
Sound pressure level	85 dB(A)
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 ... 50 °C
Max. tightening torque, valve mounting	1 Nm
Product weight	174 g
Electrical connection	Per DIN EN 175301-803

Feature	Value
	Plug pattern type C to EN 175301-803 With mains earth
Mounting type	On subbase
Auxiliary pilot air port 12	Connection plate size 18 mm, according to ISO 15407-1
Auxiliary pilot air port 14	Connection plate size 18 mm, according to ISO 15407-1
Pilot exhaust port 82/84	Not ducted as per standard Ducted
Pneumatic connection, port 1	Connection plate size 18 mm, according to ISO 15407-1
Pneumatic connection, port 2	Connection plate size 18 mm, according to ISO 15407-1
Pneumatic connection, port 3	Connection plate size 18 mm, according to ISO 15407-1
Pneumatic connection, port 4	Connection plate size 18 mm, according to ISO 15407-1
Pneumatic connection, port 5	Connection plate size 18 mm, according to ISO 15407-1
Pilot interface	According to ISO 15218
Materials note	Conforms to RoHS
Material seals	HNBR NBR
Material housing	Aluminum die cast
Material screws	Steel Galvanized