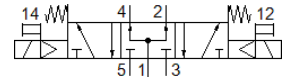
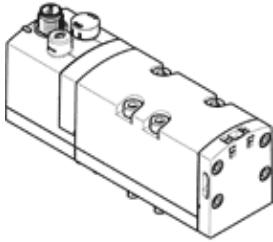


solenoid valve

VSVA-B-P53U-D-D1-1R5L

Part number: 561368

FESTO



Data sheet

Feature	values
Valve function	5/3 pressurised
Type of actuation	electrical
Width	42 mm
Standard nominal flow rate	1,300 l/min
Operating pressure	3 ... 10 bar
Design structure	Piston slide
Protection class	IP65 NEMA 4
Authorisation	c CSA us (OL) c UL us - Recognized (OL)
Nominal size	11 mm
Grid dimension	43 mm
Exhaust-air function	throttleable - via flow control plate - via individual sub-base
Sealing principle	soft
Assembly position	Any
Conforms to standard	ISO 5599-1
Manual override	detenting Pushing
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	non reversible
Freedom from overlap	Yes
Note on forced dynamisation	Switching frequency at least once a week
Signal status display	LED
Flow rate of valve	1,900 l/min
Flow rate of valve on individual sub-base	1,400 l/min
Flow rate of pneumatically linked valve	1,400 l/min
Switching time off	65 ms
Switching time on	22 ms
Duty cycle	100%
Max. positive test pulse with logic 0	1,400 µs
Max. negative test pulse with logic 1	900 µs
Characteristic coil data	24 V DC: 1.6 W
Permissible voltage fluctuation	+/- 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)
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
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]

Feature	values
Ambient temperature	-5 ... 50 °C
Product weight	456 g
Electrical connection	Central plug Round design M12x1 3-pin
Mounting type	On sub-base
Pneumatic connection, port 1	Connection plate size 1 as per ISO 5599-1
Pneumatic connection, port 2	Connection plate size 1 as per ISO 5599-1
Pneumatic connection, port 3	Connection plate size 1 as per ISO 5599-1
Pneumatic connection, port 4	Connection plate size 1 as per ISO 5599-1
Pneumatic connection, port 5	Connection plate size 1 as per ISO 5599-1
Materials note	Conforms to RoHS
Materials information for seals	FPM HNBR NBR
Materials information, housing	Aluminium die cast PA
Screw material data	Steel Galvanised