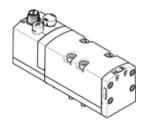
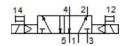
solenoid valve VSVA-B-B52-D-D1-1R5L

Part number: 561364

★ Core product range



FESTO



General operating conditions

Data sheet

Data sheet

Valve function 5/2 bistable 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 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 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 on individual sub-base 1,400 l/min Flow rate of valve on individual sub-base 1,400 l/min Flow rate of pneumatically linked valve 1,300 l/min Switching time reversal 16 ms Duty cycle 100%	
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Flow rate of pneumatically linked valve 1,300 l/min Switching time reversal 16 ms Duty cycle 100%	
Switching time reversal 16 ms Duty cycle 100%	
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 furthe operation)	
Vibration resistance Transport application test at severity level 2 in accordance with 942017-4 and EN 60068-2-6	-N
Shock resistance Shock test with severity level 2 in accordance with FN 942017- EN 60068-2-27	and
Corrosion resistance classification CRC 0 - No corrosion stress	
Medium temperature -5 50 °C	
Relative air humidity 0 - 90 %	
Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]	

Feature	Value
Ambient temperature	-5 50 °C
Product weight	439 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
Material seals	FPM
	HNBR
	NBR
Material housing	Aluminium die cast
	PA
Material screws	Steel
	Galvanised