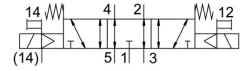


Air solenoid valve VSVA-B-P53E-ZH-A2-1R2L

Part number: 534789

FESTO



Data sheet

Feature	Value
Valve function	5/3, exhausted
Lap	Overlap
Operating pressure	-0.09 MPa ... 1 MPa
Pilot pressure MPa	0.3 MPa ... 0.8 MPa
Actuation type	Electrical
Width	18 mm
Standard nominal flow rate	450 l/min
Pneumatic working port	Sub-base, size 18 mm as per ISO 15407-1 Size 02 sub-base as per VDMA 24563
Operating voltage	24V DC
Operating pressure	-0.9 bar ... 10 bar
Design	Piston gate valve
Reset method	Mechanical spring
Degree of protection	IP65
Certification	C-Tick c CSA us (OL) c UL us - Recognized (OL)
Nominal width	5 mm
Type code	VSVA
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Conforms to standard	ISO 15407-1 VDMA 24563
Manual override	Non-detenting
Type of control	Pilot-controlled
Pilot air supply port	External
Flow direction	Reversible
Symbol	00992939
Signal status display	LED
Pilot pressure	3 bar ... 8 bar
Flow rate of pneumatic valve	650 l/min
Flow rate of pneumatic valve on individual sub-base	500 l/min
Optimized flow rate of pneumatic valve pneumatically concatenated flow	450 l/min
Switching time off	36 ms
On switching time	15 ms
DC operating voltage range	21.6 V ... 26.4 V

Feature	Value
Duty cycle	100%
Max. positive test pulse with 0 signal	500 µs
Max. negative test pulse on 1 signal	500 µs
Coil characteristics	24 V DC: low-current phase 1.0 W, high-current phase 2.4 W
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)
CE marking (see declaration of conformity)	As per EU EMC directive
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Temperature of medium	-5 °C ... 50 °C
Relative air humidity	0 - 90 %
Ambient temperature	-5 °C ... 50 °C
Max. tightening torque for valve mounting	0.9 Nm ... 1.1 Nm
Product weight	140 g
Electrical connection	4-pin M8x1 Central plug Round design
Type of mounting	On sub-base
Note on materials	RoHS-compliant