

Solenoid Valve VSVA-B-P53E-H-A2-2AC1 - Festo 547185

Item no. FES-547185

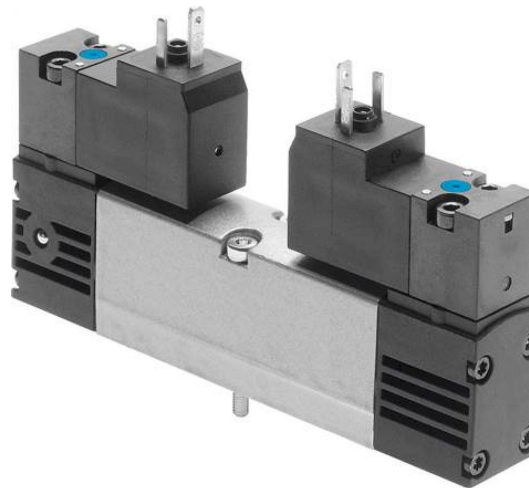
Manufacturer Festo

EAN 4052568187019

Festo valve for fast, reliable control of compressed-air direction and flow.

TECHNICAL DATA

Actuation type	Electrical
Betriebsdruck max [bar]	10.000000
Corrosion resistance class CRC	0 - No corrosion stressing
Design	Piston pusher
Dichtmaterial	HNBR, NBR
Durchfluss [l/min]	450
Funktion	5/3 entlüftet
HS-Code	84812090
Medium	Druckluft
Mounting position	arbitrary
Nennweite DN [mm]	5
Norm	ISO 15407-1, VDMA 24563
Schutzart	IP65
Serie	VSVA
Temperature (max.)	50
Weight	0.19 kg
Werkstoff	Aluminium



STANDARDS & COMPLIANCE

ISO 8573-1:2010 EN 60068-2-6 EN 60068-2-27 EN 175301-803 DIN EN 175301-803 ISO 15407-1 ISO 15218

DESCRIPTION

Festo valve for fast, reliable control of compressed-air direction and flow. The key technical data of this genuine Festo article are listed below.

Valve function	5/3 vented
Actuation type	Electrical
Valve size [mm]	18
Normal nominal flow [l/min]	450
Operating pressure [bar]	3 to 10
Construction set up	Piston pusher
Reset mode	Mechanical spring
Protection category	IP65 NEMA 4

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Nominal width [mm]	5
Exhaust function	Can be throttled
Sealing principle	Soft
installation position	arbitrary
Complies to standard	ISO 15407-1 VDMA 24563
Hand assist actuation	tentative
Control type	pilot operated
Control air supply	Internal
Flow direction	Not reversible
Überdeckung	positive Überdeckung
Signal condition display	LED
Flow valve [l/min]	650
Flow valve single connection plate [l/min]	500
Flow valve pneumatically linked [l/min]	450
Shifting time off [ms]	30
Shifting time on [ms]	18
Power-on time	100 %
Coil characteristic value	110 V AC: 50/60 Hz, pull-in power 2.9 VA, holding power 2.1 VA
Permitted voltage oscillations	-15 % / +10 %
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Information about operating and control medium	Oiled operation possible (required in further operations)
Oscillation strength	Transport use test with severity level 2 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with degree of severity 2 to FN 942017-5 and EN 60068-2-27
Corrosion resistant class KBK	0 - No corrosion stressing
Medium temperature [°C]	-5 to 50
Relative humidity	0 - 90 %
Sound level [dB(A)]	85
control medium	Compressed air to ISO 8573-1:2010 [7:4:4]
ambient temperature [°C]	-5 to 50
Max. tightening torque Valve fastening [Nm]	1
Product weight [g]	174
Electrical connection	Wiring diagram Form C acc. to EN 175301-803 acc. to DIN EN 175301-803 with protective earthing conductor

Fastening type	on connection plate
Support air control connection 12	Connection plate Size 18 mm to ISO 15407-1
Support air control connection 14	Connection plate Size 18 mm to ISO 15407-1
Exhaust control connection 82/84	Recorded Not recorded to standard
Pneumatic connection 1	Connection plate Size 18 mm to ISO 15407-1
Pneumatic connection 2	Connection plate Size 18 mm to ISO 15407-1
Pneumatic connection 3	Connection plate Size 18 mm to ISO 15407-1
Pneumatic connection 4	Connection plate Size 18 mm to ISO 15407-1
Pneumatic connection 5	Connection plate Size 18 mm to ISO 15407-1
Pre-control interface	acc. to ISO 15218
Material information	RoHs compliant
Seals material	HNBR NBR
Housing material	Aluminium die casting
Screws material	Steel zinc plating
Shifting time um [ms]	20
CE certificate (see declaration of conformity)	to EU low voltage directive