

Solenoid Valve VSVA-B-B52-D-D2-1R5L - Festo 566995

Item no. FES-566995

Manufacturer Festo

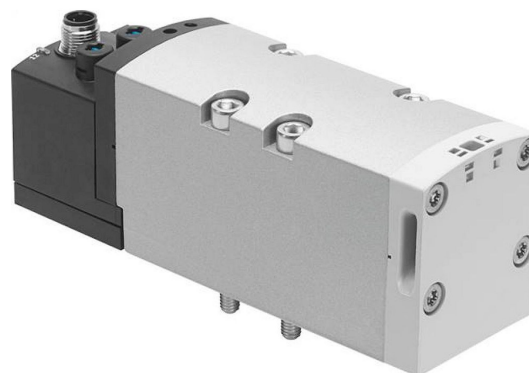
EAN 4052568007799

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

TECHNICAL DATA

HS-Code 84812090

Weight 0.75 kg



STANDARDS & COMPLIANCE

ISO 8573-1:2010 EN 60068-2-6 EN 60068-2-27 ISO 5599-1

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	5/2 bistable
Actuation type	Electrical
Build.width [mm]	52
Operating pressure [bar]	3 to 10
Construction set up	Piston pusher
Permission	c CSA us (OL) c UL us - Recognized (OL) C-Tick
CE certificate (see declaration of conformity)	to EU EMC directive
Protection category	IP65 NEMA 4
Nominal width [mm]	15
Pitch dimension [mm]	59

Exhaust function	drosselbar über Drosselplatte über Einzelanschlussplatte
Sealing principle	Soft
installation position	arbitrary
Complies to standard	ISO 5599-1
Hand assist actuation	Ratcheting tentative
Control type	pilot operated
Control air supply	Internal
Flow direction	Not reversible
Überdeckung	positive Überdeckung
Signal condition display	LED
Flow valve [l/min]	4.000
Flow valve single connection plate [l/min]	2.400
Flow valve pneumatically linked [l/min]	2.800
Power-on time	100 %
Max. positive test impulse at 0 signal [µs]	1.000
Max. negative test impulse for 1 signal [µs]	3.500
Nominal tightening current per solenoid	165 mA to 30 ms
Nominal current for current reduction	35 mA after 30 ms
Coil characteristic value	24 V DC: 4,6 W
Permitted voltage oscillations	± 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 %
control medium	Compressed air to ISO 8573-1:2010 [7:4:4]
ambient temperature [°C]	-5 to 50
Product weight [g]	732
Electrical connection	M12x1 3 pin Round shape Central plug
Fastening type	on connection plate
Material information	RoHs compliant

Seals material	FKM HNBR NBR
Housing material	PA Aluminium die casting
Shifting time um [ms]	18
Normal nominal flow [l/min]	2.800
Pneumatic connection 1	Connection plate Size 2 to ISO 5599-1
Pneumatic connection 2	Connection plate Size 2 to ISO 5599-1
Pneumatic connection 3	Connection plate Size 2 to ISO 5599-1
Pneumatic connection 4	Connection plate Size 2 to ISO 5599-1
Pneumatic connection 5	Connection plate Size 2 to ISO 5599-1
Screws material	Steel zinc plating
KC-mark	KC-EMV