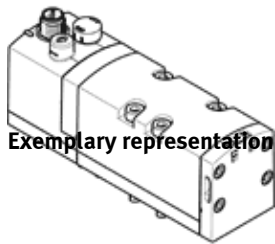


solenoid valve VSVA-B

Part number: 565448

FESTO



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Valve function	2x2/2 closed, monostable 2x3/2 closed, monostable 2x3/2 open, monostable 2x3/2 open/closed, monostable 5/2 bistable 5/2 bistable-dominant 5/2 monostable 5/3 pressurised 5/3 exhausted 5/3 closed
Type of actuation	electrical
Width	42 mm 52 mm
Standard nominal flow rate	1,100 ... 2,800 l/min
Operating pressure MPa	-0.09 ... 1.6 MPa
Operating pressure	-0.9 ... 16 bar
Design structure	Piston slide
Authorisation	C-Tick c CSA us (OL) c UL us - Recognized (OL)
KC mark	KC-EMV
CE mark (see declaration of conformity)	to EU directive for EMC
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Protection class	IP65 NEMA 4
Exhaust-air function	throttleable Via throttle 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
Overlap	Positive overlap
Signal status display	LED
Pilot pressure MPa	0.3 ... 1 MPa
Pilot pressure	3 ... 10 bar
Duty cycle	100 %
Nominal breakaway current per solenoid coil	165 mA up to 30 ms
Nominal current with current reduction	35 mA after 30 ms
Permissible voltage fluctuation	+/- 10 %
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]

Feature	Value
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	0 - No corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Medium temperature	-5 ... 50 °C
Relative air humidity	0 - 90 %
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 ... 50 °C
Electrical connection	3-pin M12x1 Central plug Round design
Mounting type	On sub-base
Materials note	Conforms to RoHS
Material housing	Aluminium die cast PA
Material screws	Steel Galvanised