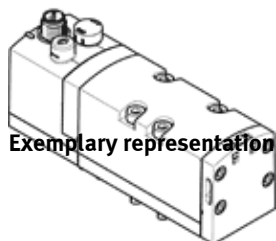


# Solenoid valve VSVA-B

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 pressurized 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
Working pressure	-0.9 ... 16 bar
Design structure	Piston slide
Authorization	C-Tick c CSA us (OL) c UL us - Recognized (OL)
KC mark	KC-EMV
CE symbol (see declaration of conformity)	according to EU-EMV guideline
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
Lap	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]

<b>Feature</b>	<b>Value</b>
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 subbase
Materials note	Conforms to RoHS
Material housing	Aluminum die cast PA
Material screws	Steel Galvanized