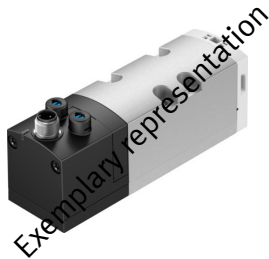


Solenoid valve VSVA-B

Part number: 565448

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Valve function	2x2/2-way, monostable, closed 2x3/2-way, monostable, closed 2x3/2-way, open, monostable 2x3/2-way, open/closed, monostable 5/2 bistable 5/2-way, bistable, dominant 5/2-way, monostable 5/3-way, pressurised 5/3 exhausted 5/3 closed
Type of actuation	Electric
Construction width	52 mm
Standard nominal flow rate (standardised to DIN 1343)	1100 l/min ... 2800 l/min
pneumatic working port	Sub-base size 1 to ISO 5599-1 Sub-base size 2 to ISO 5599-1 G1/4 G3/8
Operating voltage	24V DC
Operating pressure	-0.09 MPa ... 1.6 MPa
Operating pressure	-0.9 bar ... 16 bar
Design	Piston gate valve
Approval	C-Tick c CSA us (OL) c UL us - Recognized (OL)
KC mark	KC-EMV
CE mark (see declaration of conformity)	To EU EMC Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Degree of protection	IP65 NEMA 4
Exhaust-air function	With flow control option Via throttle plate Via individual sub-base
Sealing principle	Soft
Mounting position	optional
Conforms to standard	ISO 5599-1
Manual override	Detenting Non-detenting
Type of piloting	Pilot actuated
lap	Overlap

Feature	Value
Signal status display	LED
Pilot pressure	0.3 MPa ... 1 MPa
Pilot pressure	3 bar ... 10 bar
Duty cycle	100%
Nominal pick-up current per solenoid coil	165 mA up to 30 ms
Nominal current with current reduction	35 mA after 30 ms
Permissible voltage fluctuations	+/- 10 %
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-5 °C ... 50 °C
Relative air humidity	0 - 90%
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C ... 50 °C
Electrical connection	3-pin M12x1 Central plug Round design
Type of mounting	On sub-base
Note on materials	RoHS-compliant
Material housing	Die-cast aluminium PA
Material screws	Steel Galvanised