Air solenoid valve
VSVA-B

Part number: 565448

Data sheet

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
Actuation type	Electrical
Width	42 mm 52 mm
Standard nominal flow rate	1100 l/min...2800 l/min
Pneumatic working port	Sub-base, size 1 according to ISO 5599-1 Sub-base, size 2 according to ISO 5599-1 G1/4 G3/8
Operating voltage	24V DC
Operating pressure	-0.09 MPa...1.6 MPa -0.9 bar...16 bar
Structural design	Piston gate valve
Certification	C-Tick c CSA us (OL) c UL us - Recognized (OL)
KC characters	KC EMC
CE marking (see declaration of conformity)	As per 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	Any
Conforms to standard	ISO 5599-1

Feature	Value
Manual override	Detenting Non-detenting
Type of control	Pilot-controlled
Lap	Overlap
Signal status display	LED
Pilot pressure MPa	0.3 MPa...1 MPa
Pilot pressure	3 bar...10 bar
Duty cycle	100%
Nominal pick-up current per solenoid coil	165 mA to 30 ms
Nominal current with current reduction	35 mA after 30 ms
Permissible voltage fluctuations	+/- 10 %
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Temperature of medium	-5 ℃...50 ℃
Relative air humidity	0 - 90 %
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 ℃...50 ℃
Electrical connection	3-pin M12x1 Central plug Round design
Type of mounting	On sub-base
Note on materials	RoHS-compliant
Housing material	Die-cast aluminum PA
Material of screws	Steel Galvanized