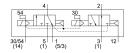
Solenoid valve VSVA-B-T32W-AZTR-D2-1T1L

Part number: 8034966







Data sheet

Electric Construction width Standard nominal flow rate Construction width Standard nominal flow rate Construction width Standard nominal flow rate Construction width Sub-base size 2 to ISO 5599-2 G1/2 CDerating voltage CDerating pressure CDerating pressure CDesign CDesign CONSTRUCTION CONST	Feature	Value	
Standard nominal flow rate Standard nominal flow rate 2400 I/min Sub-base size 2 to ISO 5599-2 G1/2 Operating voltage Operating pressure Operating voltage Operating pressure Operating voltage Operating pressure Operating voltage Operating v	Valve function	2x3/2-way, open/closed, monostable	
Standard nominal flow rate Deparating voltage Deparating pressure Dep	Type of actuation	Electric	
Sub-base size 2 to ISO 5599-2 G1/2 24V DC Operating pressure Op	Construction width	52 mm	
G1/2 Operating voltage Operating pressure O	Standard nominal flow rate	2400 l/min	
Design Piston gate valve Design Piston gate valve Design Piston gate valve Design CUL us - Recognized (OL) CC mark CC mark CC mark CE mark (see declaration of conformity) Degree of protection Degre	pneumatic working port		
-0.9 bar10 bar Piston gate valve Approval CUL us - Recognized (OL) CC mark CE mark (see declaration of conformity) To EU EMC Directive Degree of protection Piston Mark 4 Grid dimension Symm Exhaust-air function With flow control option Via throttle plate Via individual sub-base Sealing principle Soft Mounting position Conforms to standard Josophy Symm Soft Sympy Manual override Detenting via accessory Non-detenting Pilot actuated Pilot air supply External Condo direction Only reversible Signal status display LED Josh Wars of valve Josh Wars of valve Josh Wars of valve Josh	Operating voltage	24V DC	
Approval CUL us · Recognized (OL) CC mark CC mark CC Emark (see declaration of conformity) Degree of protection IP65 NEMA 4 Strid dimension Exhaust-air function With flow control option Via throttle plate Via individual sub-base Sealing principle Soft Mounting position Conforms to standard ISO 5599-2 Manual override Detenting via accessory Non-detenting Pilot actuated Pilot actuated Pilot arisupply External Conforms to status display External Conforms to status display LED Only reversible LED Only reversible LED Only mare of valve On valve on individual sub-base Elow rate of valve on individual sub-base Zelou rate of valve on individual sub-base Zelou rate of valve on individual sub-base	Operating pressure		
KC-EMV EE mark (see declaration of conformity) To EU EMC Directive Degree of protection IP65 NEMA 4 Solid dimension Sp mm Exhaust-air function With flow control option Via throttle plate Via individual sub-base Sealing principle Soft Mounting position Conforms to standard ISO 5599-2 Manual override Manual override Pilot actuated Pilot air supply External Condition Conforms to standard IED Condition Conforms to standard ISO 5599-2 IED	Design	Piston gate valve	
To EU EMC Directive Degree of protection Degree of	Approval	c UL us - Recognized (OL)	
Degree of protection IP65 NEMA 4 Srid dimension 59 mm Exhaust-air function With flow control option Via throttle plate Via individual sub-base Sealing principle Soft Mounting position Conforms to standard IS0 5599-2 Manual override Detenting via accessory Non-detenting Flot actuated Pilot ari supply External Condition Only reversible Signal status display LED Pilot pressure 0.3 MPa1 MPa 3 bar10 bar Flow rate of valve 3000 l/min	KC mark	KC-EMV	
NEMA 4 Grid dimension 59 mm Exhaust-air function With flow control option Via throttle plate Via individual sub-base Sealing principle Soft Mounting position optional Conforms to standard ISO 5599-2 Manual override Detenting via accessory Non-detenting Flype of piloting Pilot actuated Pilot air supply External Clow direction Only reversible Signal status display ELED Pilot pressure 0.3 MPa 1 MPa 3 bar 10 bar Flow rate of valve 1 midvidual sub-base 2600 l/min	CE mark (see declaration of conformity)	To EU EMC Directive	
Exhaust-air function With flow control option Via throttle plate Via individual sub-base Sealing principle Soft Mounting position Conforms to standard ISO 5599-2 Manual override Manual override Pilot actuated Pilot actuated External Flow direction Only reversible LED Pilot pressure O.3 MPa1 MPa 3 bar10 bar Flow rate of valve Flow rate of valve on individual sub-base With flow control option Via throttle plate Via individual sub-base Soft With flow control option Via throttle plate Via individual sub-base Soft Ont Via throttle plate Via individual sub-base Soft Optional Soft Optional Soft Only reversible Soft Soft Only reversible Soft Only reversible Soft Soft Only reversible Soft Soft Only reversible Soft	Degree of protection		
Via throttle plate Via individual sub-base Sealing principle Soft Mounting position Optional Conforms to standard ISO 5599-2 Manual override Detenting via accessory Non-detenting Iype of piloting Pilot actuated Pilot actuated Flow direction Only reversible Signal status display LED Pilot pressure O.3 MPa1 MPa 3 bar10 bar Slow rate of valve 100 via throttle plate Via individual sub-base Via individual sub-base Soft Optional ISO 5599-2 Detenting via accessory Non-detenting Pilot actuated Detenting via accessory Non-detenting Pilot actuated External Only reversible Signal status display LED Olymine Soon MPa1 MPa 3 bar10 bar Soon I/min	Grid dimension	59 mm	
Mounting position optional ISO 5599-2 Manual override Detenting via accessory Non-detenting Fype of piloting Pilot actuated Pilot air supply External Flow direction Only reversible Fignal status display LED Filot pressure 0.3 MPa1 MPa 3 bar10 bar Flow rate of valve on individual sub-base 2600 l/min	Exhaust-air function	Via throttle plate	
Conforms to standard ISO 5599-2 Manual override Detenting via accessory Non-detenting Pilot actuated Pilot air supply External Flow direction Only reversible Pilot pressure O.3 MPa1 MPa 3 bar10 bar Flow rate of valve 3000 l/min Flow rate of valve on individual sub-base 2600 l/min	Sealing principle	Soft	
Manual override Detenting via accessory Non-detenting Pilot actuated Pilot air supply External Flow direction Only reversible Disignal status display LED Pilot pressure O.3 MPa1 MPa 3 bar10 bar Flow rate of valve 3000 l/min Flow rate of valve on individual sub-base Detenting via accessory Non-detenting Pilot actuated Detenting via accessory Non-detenting Pilot actuated External Only reversible Saturate of valve O.3 MPa1 MPa 3 bar10 bar Flow rate of valve on individual sub-base	Mounting position	optional	
Non-detenting Fype of piloting Pilot actuated Pilot actuated External Flow direction Only reversible Signal status display LED Pilot pressure 0.3 MPa1 MPa 3 bar10 bar Flow rate of valve 3000 l/min Flow rate of valve on individual sub-base 2600 l/min	Conforms to standard	ISO 5599-2	
External Flow direction Only reversible Signal status display LED Pilot pressure O.3 MPa1 MPa 3 bar10 bar Flow rate of valve Flow rate of valve on individual sub-base 2600 l/min	Manual override		
Clow direction Only reversible Dignal status display LED Dignal status display Dignal st	Type of piloting	Pilot actuated	
Signal status display LED 20	Pilot air supply	External	
O.3 MPa1 MPa 3 bar10 bar Flow rate of valve on individual sub-base 2600 l/min	Flow direction	Only reversible	
3 bar10 bar Flow rate of valve Flow rate of valve on individual sub-base 2600 l/min	Signal status display	LED	
Flow rate of valve on individual sub-base 2600 l/min	Pilot pressure		
,	Flow rate of valve	3000 l/min	
Flow rate of pneumatically interlinked valve 2400 l/min	Flow rate of valve on individual sub-base	2600 l/min	
	Flow rate of pneumatically interlinked valve	2400 l/min	

Feature	Value
Switching time off	30 ms
Switching time on	30 ms
Duty cycle	100%
Max. positive test pulse with 0 signal	1000 μs
Max. negative test pulse with 1 signal	3500 μs
Nominal pick-up current per solenoid coil	165 mA up to 30 ms
Nominal current with current reduction	35 mA after 30 ms
Characteristic coil data	24 V DC: 4.6 W
Immunity to surge	2.5 kV
Pollution degree	3
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)
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Corrosion resistance class CRC	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-5 °C50 °C
Relative air humidity	0 - 90%
Ambient temperature	-5 °C50 °C
Product weight	740 g
Electrical connection	Plug-in To ISO 5599-2
Type of mounting	On sub-base
Pilot air port 12/14	Sub-base size 2 to ISO 5599-2
Pilot exhaust port 82/84	Ducted Not ducted as per standard Either:
Pneumatic connection, port 1	Sub-base size 2 to ISO 5599-2
Pneumatic connection, port 2	Sub-base size 2 to ISO 5599-2
Pneumatic connection, port 3	Sub-base size 2 to ISO 5599-2
Pneumatic connection, port 4	Sub-base size 2 to ISO 5599-2
Pneumatic connection, port 5	Sub-base size 2 to ISO 5599-2
Note on materials	RoHS-compliant
Material seals	FPM HNBR NBR
Material housing	Die-cast aluminium PA
Material screws	Galvanised steel