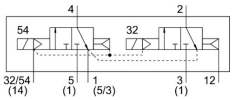
Solenoid valve
VSVA-B-T32N-AZ-D1-1T1L

Part number: 8034831





General operating condition
Solenoid valve
Product details
Category page
Spare parts

Data sheet

Feature	Value
Valve function	2x3/2 closed monostable
Type of actuation	Electrical
Construction width	42 mm
Standard nominal flow rate (standardised to DIN 1343)	1200 l/min
pneumatic working port	Sub-base size 1 to ISO 5599-2 G3/8
Operating voltage	24 V DC
Operating pressure	-0.09 MPa ... 1 MPa
Operating pressure	-0.9 bar ... 10 bar
Design	Piston gate valve
Approval	c UL us - Recognised (Oil)
Degree of protection	IP65 NEMA 4
Exhaust-air function	Can be throttled Via throttle plate Via individual sub-base
Sealing principle	Soft
Mounting position	Any
Manual override	Concealed
Type of piloting	Piloted
Pilot air supply	External
Flow direction	Only reversible
Symbol	00995433
Signal status display	LED
Pilot pressure	0.3 MPa ... 1 MPa
Pilot pressure	3 bar ... 10 bar
Flow rate of valve	1400 l/min
Flow rate of valve on individual sub-base	1200 l/min
Valve flow rate, pneumatically linked, flow optimized	1300 l/min
Flow rate of pneumatically interlinked valve	1200 l/min
Switching time off	28 ms
Switching time on	34 ms
Max. positive test pulse with 0 signal	1600 µs

Feature	Value
Max. negative test pulse with 1 signal	1100 µs
Nominal pick-up current per solenoid coil	60 mA to 30 ms
Characteristic coil data	24 V DC: 1.3 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
Relative air humidity	0 - 90%
Ambient temperature	-5 °C ... 50 °C
Product weight	442 g
Electrical connection	Plug-in To ISO 5599-2
Type of mounting	On sub-base
Pilot air port 12/14	Sub-base size 1 to ISO 5599-2
Pilot exhaust port 82/84	Ducted Not ducted as per standard Either:
Pneumatic connection, port 1	Sub-base size 1 to ISO 5599-2
Pneumatic connection, port 2	Sub-base size 1 to ISO 5599-2
Pneumatic connection, port 3	Sub-base size 1 to ISO 5599-2
Pneumatic connection, port 4	Sub-base size 1 to ISO 5599-2
Pneumatic connection, port 5	Sub-base size 1 to ISO 5599-2
Note on materials	RoHS compliant
Material seals	Fluoro rubber HNBR NBR
Material housing	Die-cast aluminium PA
Material screws	Galvanised steel