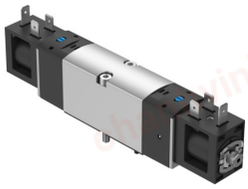
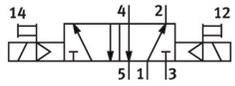
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Solenoid valve
VSVA-BK-B52-D-A1-1B2

Part number: 8150871





General operating condition

Data sheet

Feature	Value
Valve function	5/2 double solenoid
Type of actuation	Electric
Valve size	26 mm
Standard nominal flow rate (standardised to DIN 1343)	900 l/min
pneumatic working port	Sub-base size 26 mm to ISO 15407-1
Operating voltage	24V DC
Operating pressure	0.3 MPa ... 0.8 MPa
Operating pressure	3 bar ... 8 bar
Design	Piston slide with sealing ring
Degree of protection	IP65 With plug socket To IEC 60529
Nominal size	6.4 mm
Exhaust-air function	With flow control option
Sealing principle	Soft
Mounting position	optional
Conforms to standard	ISO 15407-1
Manual override	Detenting Non-detenting
Type of piloting	Pilot actuated
Pilot air supply	Internal
Flow direction	Non-reversible
Symbol	00991005
lap	Underlap
Signal status display	With accessories
b value	0.3
C value	3.92 l/sbar
Flow rate of valve	915 l/min
Flow rate of valve on individual sub-base	915 l/min
Flow rate of pneumatically interlinked valve	880 l/min
Switching time reversal	10.8 ms
Duty cycle	100%
Max. positive test pulse with 0 signal	2500 µs
Max. negative test pulse with 1 signal	1100 µs
Nominal operating voltage DC	24 V
Characteristic coil data	24 V DC: 3.3 W

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Feature	Value
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	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Media temperature	-5 °C ... 50 °C
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C ... 50 °C
Max. tightening torque for valve mounting	2.4 Nm
Product weight	319 g
Electrical connection	Type B To industry standard (11 mm)
Type of mounting	On sub-base
Breather connection	Not ducted
Pneumatic connection, port 1	Sub-base size 26 mm to ISO 15407-1
Pneumatic connection, port 2	Sub-base size 26 mm to ISO 15407-1
Pneumatic connection, port 3	Sub-base size 26 mm to ISO 15407-1
Pneumatic connection, port 4	Sub-base size 26 mm to ISO 15407-1
Pneumatic connection, port 5	Sub-base size 26 mm to ISO 15407-1
Note on materials	RoHS-compliant
Material seals	HNBR NBR
Material housing	Wrought aluminium alloy
Material piston slide	Wrought aluminium alloy
Material screws	Galvanised steel