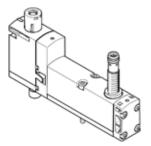
Solenoid valve VSVA-B-M52-MZTR-A2-1T1L-APP Part number: 8033460







Data sheet

Value
5/2 monostable
electrical
18 mm
550 l/min
-0.09 1 MPa
-0.9 10 bar
Piston slide
mechanical spring
KC-EMV
according to EU-EMV guideline
IP65
NEMA 4
5 mm
throttleable
Via throttle plate
Via individual sub-base
soft
Any
with accessories, detenting
Pushing
Piloted
external
non reversible
Inductive
Positive overlap
For all electrical connections
LED
Normal position with sensor
LED
0.3 1 MPa
3 10 bar
750 l/min
600 l/min
700 l/min
550 l/min
38 ms
12 ms
32 ms
9 ms
100 %
1,500 μs
800 µs
24 V
PNP
24 V DC: 1.6 W
2.5 kV



Feature	Value
Degree of contamination	3
Permissible voltage fluctuation	+/- 10 %
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further
	operation)
Vibration resistance	Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Corrosion resistance classification CRC	0 - No corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Medium temperature	-5 50 °C
Relative air humidity	0 - 90 %
Sound pressure level	85 dB(A)
Ambient temperature	-5 50 °C
Max. tightening torque, valve mounting	0.8 1.2 Nm
Product weight	140 g
Operating voltage range, DC sensor	10 30 V
Short-circuit strength sensor	Pulsing
Idle current sensor	<= 10 mA
Max. output current sensor	200 mA
Max. switching frequency sensor	5,000 Hz
Residual ripple sensor	± 10 %
Voltage drop sensor	<= 2 ∨
Electrical connection	4-pin
	Plug
	according to ISO 15407-2
Sensor connection	Plug
	3-pin
	M8x1
Mounting type	On subbase
Auxiliary pilot air port 12/14	Manifold block, size 18 mm acc. to ISO 15407-2
Pilot exhaust port 82/84	Optional
	Ducted
	Non-ducted
Pneumatic connection, port 1	Manifold block, size 18 mm acc. to ISO 15407-2
Pneumatic connection, port 2	Manifold block, size 18 mm acc. to ISO 15407-2
Pneumatic connection, port 3	Manifold block, size 18 mm acc. to ISO 15407-2
Pneumatic connection, port 4	Manifold block, size 18 mm acc. to ISO 15407-2
Pneumatic connection, port 5	Manifold block, size 18 mm acc. to ISO 15407-2
Materials note	Conforms to RoHS
Material seals	FPM
	NBR
Material housing	Aluminum die cast
	PA
Material screws	Galvanized steel
Switching element function	Normally closed contact