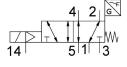
Solenoid valve VSVA-B-M52-MZD-A1-1T1L-ANP

Part number: 560743





Data sheet

Feature	Value
Valve function	5/2-way, monostable
Type of actuation	Electric
Construction width	26 mm
Standard nominal flow rate (standardised to DIN 1343)	1100 l/min
pneumatic working port	Sub-base size 26 mm to ISO 15407-2 G1/4
Operating voltage	24V DC
Operating pressure	-0.09 MPa1 MPa -0.9 bar10 bar
Design	Piston gate valve
Type of reset	Mechanical spring
KC mark	KC-EMV
CE mark (see declaration of conformity)	To EU EMC Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC
Degree of protection	IP65 NEMA 4
Nominal size	9 mm
Exhaust-air function	With flow control option Via throttle plate Via individual sub-base
Sealing principle	Soft
Mounting position	optional
Manual override	Detenting Non-detenting Covered
Type of piloting	Pilot actuated
Pilot air supply	External Internal
Flow direction	optional
Measuring principle	Inductive
lap	Overlap
Reverse polarity protection sensor	For all electrical connections
Signal status display	LED
Switching position sensing	Normal position via sensor

FESTO

LED
0.3 MPa1 MPa
3 bar10 bar
1400 l/min
1200 l/min
1350 l/min
1100 l/min
54 ms
20 ms
60 ms
11 ms
100%
1200 µs
1100 µs
24 V
NPN
24 V DC: 1.6 W
2.5 kV
3
+/- 10 %
Compressed air to ISO 8573-1:2010 [7:4:4]
Lubricated operation possible (in which case lubricated operation will always be required)
Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
0 - No corrosion stress
VDMA24364-B1/B2-L
-5 °C50 °C
0 - 90%
85 dB(A)
-5 °C50 °C
1.8 Nm2.2 Nm
264 g
10 V30 V
Pulsed
10 mA
200 mA
5000 Hz
± 10%
2 V
4-pin Plugs To ISO 15407-2
Plug 3-pin M8x1
On sub-base
Sub-base size 26 mm to ISO 15407-2
Ducted Not ducted Either:
Sub-base size 26 mm to ISO 15407-2
Sub-base size 26 mm to ISO 15407-2
Jub base size zo min to IJO 1 J40/ - Z

Feature	Value
Pneumatic connection, port 4	Sub-base size 26 mm to ISO 15407-2
Pneumatic connection, port 5	Sub-base size 26 mm to ISO 15407-2
Note on materials	RoHS-compliant
Material seals	FPM NBR
Material housing	Die-cast aluminium PA
Material screws	Galvanised steel
Switching element function	N/C contact