Air solenoid valve VSVA-B-M52-MH-A1-1R5L

Part number: 534556

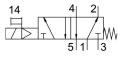


Data sheet

iation typeElectth26 midard nominal flow rate1100umatic working portSub-rating voltage24Vrating pressure0.3 Mrating pressure3 baictural designPistoet methodMeclificationRCM c ULnarking (see declaration of conformity)As prA marking (see declaration of conformity)To UI To UI To UI ree of protectionIP65 NEMninal width9 mmth dimension27 maust air functionWith Via t Via i Ing positionAnyforms to standardISO T Non-ISO T Non-	m pl/min base, size 26 mm according to ISO 15407-1 DC APa 0.8 MPa r 8 bar r 8 bar angle valve banical spring compliance mark us - Recognized (OL) er EU EMC directive K instructions for EMC K ROHS instructions for EMC A 4
th 26 m idard nominal flow rate 26 m idard nominal flow rate 1100 umatic working port Sub- rating voltage 24V rating pressure 0.3 M rating pressure 0.3 M rating pressure 3 bai ctural design Pisto et method Mecl ification RCM c UL narking (see declaration of conformity) As pr A marking (see declaration of conformity) To U ree of protection IP65 NEM ninal width 9 mm th dimension 27 m aust air function With Via t via in ling principle Soft unting position Any forms to standard ISO	m pl/min base, size 26 mm according to ISO 15407-1 DC DC APa 0.8 MPa r 8 bar r 8 bar r 8 bar r 8 bar r 9 bar compliance mark us - Recognized (OL) er EU EMC directive C (instructions for EMC C KoHS instructions for EMC C KA A 4
adard nominal flow rate1100umatic working portSub-rating voltage24Vrating pressure0.3 Mrating pressure3 bactural designPistoet methodMeclificationRCM c ULnarking (see declaration of conformity)As prA marking (see declaration of conformity)To Uree of protectionIP65 NEMninal width9 mmth dimension27 maust air functionWith Via t Via t Via t uting positionAnyforms to standardISOpual overrideNon-e of controlPilot	D I/min base, size 26 mm according to ISO 15407-1 DC MPa 0.8 MPa r 8 bar in gate valve nanical spring compliance mark us - Recognized (OL) er EU EMC directive K instructions for EMC K RoHS instructions
umatic working portSub-rating voltage24Vrating pressure0.3 Mrating pressure3 baictural designPistoet methodMeclificationRCM c ULnarking (see declaration of conformity)As prA marking (see declaration of conformity)To ULree of protectionIP65 NEMninal width9 mmth dimension27 maust air functionWith Via t Via ining principleSoftnorms to standardISOnual overrideNon-e of controlPilot	base, size 26 mm according to ISO 15407-1 DC APa 0.8 MPa r 8 bar In gate valve nanical spring compliance mark us - Recognized (OL) er EU EMC directive K instructions for EMC K RoHS instructions
rating voltage24Vrating pressure0.3 Mrating pressure3 baictural designPistoet methodMeclificationRCM c ULnarking (see declaration of conformity)As prA marking (see declaration of conformity)To ULree of protectionIP65 NEMninal width9 mmth dimension27 maust air functionWith Via t Via t Inting positionSoftaust of standardISOprome to standardISOpual overrideNon-e of controlPilot	DC APa 0.8 MPa r 8 bar In gate valve nanical spring compliance mark us - Recognized (OL) er EU EMC directive K instructions for EMC K RoHS instructions
rating pressure0.3 Mrating pressure3 baictural designPistoet methodMeclificationRCM c ULnarking (see declaration of conformity)As provide and the second	MPa 0.8 MPa r 8 bar an gate valve hanical spring compliance mark us - Recognized (OL) er EU EMC directive K instructions for EMC K RoHS instructions
rating pressure 3 bai ctural design Pisto et method Mecl ification RCM narking (see declaration of conformity) As provide the second secon	r 8 bar In gate valve Inanical spring compliance mark us - Recognized (OL) er EU EMC directive K instructions for EMC K RoHS instructions A 4
ctural designPistoet methodMeclificationRCM c ULnarking (see declaration of conformity)As prA marking (see declaration of conformity)To U To Uree of protectionIP65 NEMninal width9 mmth dimension27 maust air functionWith Via t Via inling principleSoftunting positionAny forms to standarde of controlPilot	n gate valve nanical spring compliance mark us - Recognized (OL) er EU EMC directive K instructions for EMC K RoHS instructions
et methodMeclificationRCM c ULnarking (see declaration of conformity)As provided and the prov	A 4
ification RCM c UL narking (see declaration of conformity) As p A marking (see declaration of conformity) To U To U ree of protection IP65 NEM ninal width 9 mm th dimension 27 m aust air function With Via t Via ii ling principle Soft anting position Any forms to standard ISO pual override Non- e of control Pilot	compliance mark us - Recognized (OL) er EU EMC directive K instructions for EMC K RoHS instructions
c ULnarking (see declaration of conformity)As present the p	us - Recognized (OL) er EU EMC directive K instructions for EMC K RoHS instructions A 4
A marking (see declaration of conformity) To U To U To U ree of protection IP65 ninal width 9 mm th dimension 27 m aust air function With Via i Via i ling principle Soft unting position Any forms to standard ISO uual override Non- e of control Pilot	K instructions for EMC K RoHS instructions A 4
To U ree of protection IP65 ninal width 9 mm th dimension 27 m aust air function With Via aust air function With ling principle Soft norms to standard ISO nual override Non- e of control Pilot	K RoHS instructions
NEM ninal width 9 mm th dimension 27 m aust air function With via ti Via ti ling principle Soft inting position Any forms to standard ISO nual override Non- e of control Pilot	
th dimension 27 m aust air function With Via t Via in ling principle Soft inting position Any forms to standard ISO 1 inual override Non- e of control Pilot	
aust air function With Via t Via i ling principle Soft unting position Any forms to standard ISO 1 uual override Non- e of control Pilot	n
Via t Via in ling principle soft inting position Any forms to standard ISO nual override e of control	m
Inting position Any forms to standard ISO 3 nual override Non- e of control Pilot	flow control option hrottle plate ndividual sub-base
forms to standard ISO : nual override Non- e of control Pilot	
aual override Non- e of control Pilot	
e of control Pilot	15407-1
	detenting
t air supply port Inter	-controlled
	nal
v direction Non-	reversible
bol 0099	21003
Over	lap
erse polarity protection for a	ll electrical connections
	ing current reduction ty shut-down
al status display LED	
lue 0.25	
lue 4.5 L	



FESTO



Feature	Value
Flow rate of pneumatic valve	1400 l/min
Flow rate of pneumatic valve on individual sub-base	1100 l/min
Optimized flow rate of pneumatic valve pneumatically concatenated flow	1100 l/min
Switching time off	52 ms
On switching time	20 ms
Duty cycle	100%
Max. positive test pulse with 0 signal	500 μs
Max. negative test pulse on 1 signal	500 μs
Nominal pick-up current per solenoid coil	110 mA to 20 ms
Nominal current with current reduction	30 mA after 20 ms
Coil characteristics	24 V DC: low-current phase 1.0 W, high-current phase 2.4 W
Permissible voltage fluctuations	+/- 10 %
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Temperature of medium	-5 ℃ 50 ℃
Relative air humidity	0 - 90 %
Protection against direct and indirect contact	PELV
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 ℃ 50 ℃
Max. tightening torque for valve mounting	1.8 Nm 2.2 Nm
Product weight	270 g
Electrical connection	3-pin M12x1 Central plug Round design
Type of mounting	On sub-base With through-hole and screw
Note on materials	RoHS-compliant
Seals material	FPM HNBR NBR
Housing material	Die-cast aluminum