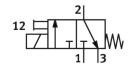
Solenoid valve VSCS-B-M32-MD-WA-5C1

FESTO

Part number: 571062





General operating condition

Data sheet

Valve function 3/2-way, closed, monostable Electric Construction width 15 mm Standard nominal flow rate (standardised to DIN 1343) 18 I/min pneumatic working port Operating prossure Operating pressure Operating Operation Operating	Feature	Value
Construction width Standard nominal flow rate (standardised to DIN 1343) 18 I/min pneumatic working port Sub-base size 15 mm to ISO 15218 Operating voltage 12V DC Operating pressure 0 MPa 1 MPa Operating pressure 0 bar 10 bar Operating pressure 0 perating pr	Valve function	3/2-way, closed, monostable
Standard nominal flow rate (standardised to DIN 1343) pneumatic working port Operating yoltage 12V DC Operating pressure Operating operating operating operating operating operating operating operating needium Operating pressure Operating p	Type of actuation	Electric
pneumatic working port Operating voltage 12V DC Operating pressure Opsi 145 psi Type of reset Mechanical spring Degree of protection IP65 Sealing principle Soft Mounting position Optional Conforms to standard ISO 15218 Manual override Detenting Non-detenting Type of piloting Direct Flow direction Non-reversible Symbol Iap Underlap Underlap Note on forced dynamization Switching time off 6 ms Switching time on 6 ms Switching time on 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 Shock resistance Shock resistance Shock resistance Shock resistance Caronsoin resistance class CRC 2 Moderate corrosion stress VDMA24564-C1-L Media temperature -10 °C 50 °C VDMA24564-C1-L Media temperature	Construction width	15 mm
Operating voltage 12V DC Operating pressure 0 MPa 1 MPa Operating pressure 0 0 bar 1 0 bar Operating pressure 0 0 bar 1 0 bar Operating pressure 0 0 psi 145 psi Operating pressure 1 Mechanical spring Degree of protection 1P65 Sealing principle Soft Mounting position 0 optional Conforms to standard 1SO 15218 Manual override Detenting Non-detenting	Standard nominal flow rate (standardised to DIN 1343)	18 l/min
Operating pressure 0 MPa 1 MPa Operating pressure 0 opsi 10 bar Operating pressure 0 opsi 145 psi Type of reset Mechanical spring Degree of protection IP65 Sealing principle Soft Mounting position optional Conforms to standard ISO 15218 Manual override Detenting Type of piloting Direct Flow direction Non-reversible Symbol Op991308 Iap Underlap Note on forced dynamization Switching time off 6 ms Switching time on 6 ms Duty cycle 100% Characteristic coil data 12 V DC: 1.8 W Permissible voltage fluctuations 12 V DC: 1.8 W 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 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance Case CRC 2 - Moderate corrosion stress VDMA24364-C1-L Media temperature 1006 Operating Media temperature 10 page 10 pa	pneumatic working port	Sub-base size 15 mm to ISO 15218
Operating pressure 0 bar 10 bar Operating pressure 0 psi 145 psi Type of reset Mechanical spring Degree of protection IP65 Sealing principle Soft Mounting position optional Conforms to standard ISO 15218 Manual override Detenting Non-detenting Type of piloting Direct Flow direction Non-reversible Symbol 00991308 lap Underlap Note on forced dynamization Switching frequency min. 1/week Switching time off 6 ms Switching time on 6 ms Duty cycle 100% Characteristic coil data 12 V DC: 1.8 W Permissible voltage fluctuations -15%/+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 60068-2-26 Shock resistance Shock kest with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance clas	Operating voltage	12V DC
Operating pressure Operating pressure Operating pressure Operated Operating principle Operating principle Soft Sealing principle Soft Optional Conforms to standard Operating and pilot medium Operating Opera	Operating pressure	0 MPa 1 MPa
Type of reset Degree of protection P65 Sealing principle Soft Mounting position Conforms to standard Manual override Detenting Non-detenting Non-detenting Type of piloting Direct Flow direction Non-reversible Symbol Juderlap Underlap Note on forced dynamization Switching time on Characteristic coil data Duty cycle Characteristic coil data Derating medium Comperssed air to 150 8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Shock resistance Shock resistance Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-C1-L Media temperature Joptical. Joptical. Joptical. Joptical. Jopical. Jop	Operating pressure	0 bar 10 bar
Degree of protection P65 Sealing principle Soft Mounting position Optional Conforms to standard ISO 15218 Manual override Detenting Non-detenting Type of piloting Direct Flow direction Non-reversible Symbol Op991308 Iap Underlap Note on forced dynamization Switching time off Switching time off Switching time on Outy cycle 100% Characteristic coil data 12 V DC: 1.8 W Permissible voltage fluctuations 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 Shock resistance Shock resistance Shock resistance Compressed according the several of the severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-C1-L Media temperature -10 °C 50 °C	Operating pressure	0 psi 145 psi
Sealing principle Soft Mounting position Conforms to standard ISO 15218 Manual override Detenting Non-detenting Type of piloting Direct Flow direction Non-reversible Symbol Juderlap Note on forced dynamization Switching time off Switching time on Duty cycle Characteristic coil data 12 V DC: 1.8 W Permissible voltage fluctuations Operating medium Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Vibration resistance Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance LABS (PWIS) conformity VDMA24364-C1-L Media temperature Jeticated operation options Permissible voltage fluctuations Optional Jude All Society Joseph All	Type of reset	Mechanical spring
Mounting position Conforms to standard ISO 15218 Manual override Detenting Non-detenting Type of piloting Direct Flow direction Non-reversible Symbol Iap Note on operating and pilot medium Vibration resistance Shock resistance LABS (PWIS) conformity Media temperature Detenting Non-detenting Detenting Non-detenting Detenting Non-detenting Detenting Non-detenting Detenting Non-detenting Non-detenting Detenting Non-detenting Non-detenting Non-detenting Direct Non-reversible Non-reversible Op991308 Underlap Non-reversible Op991308 Underlap Non-reversible Op991308 Underlap Non-reversible Op991308 Switching frequency min. 1/week 6 ms Switching frequency min. 1/week 6 ms Switching time off 6 ms Switching time on 6 ms Duty cycle 100% Compressed air to ISO 8573-1:2010 [7:4:4] Lubricated operation possible (in which case lubricated operation will always be required) Vibration resistance Shock test with severity level 2 to FN 942017-4 and EN 60068-2-67 Corrosion resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-C1-L Media temperature	Degree of protection	IP65
Conforms to standard Manual override Detenting Non-detenting Price Plow direction Non-reversible Symbol Dougling Underlap Note on forced dynamization Switching time off Switching time off Switching time off One Characteristic coil data Permissible voltage fluctuations Departing 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 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-C1-L Media temperature	Sealing principle	Soft
Detenting Non-detenting Type of piloting Direct Flow direction Non-reversible Symbol lap Underlap Note on forced dynamization Switching time off 6 ms Switching time on Duty cycle 100% Characteristic coil data 12 V DC: 1.8 W Permissible voltage fluctuations 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 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-C1-L Media temperature -10 °C 50 °C	Mounting position	optional
Non-detenting Type of piloting Direct Flow direction Non-reversible Symbol O0991308 lap Underlap Note on forced dynamization Switching frequency min. 1/week Switching time off 6 ms Switching time on 6 ms Duty cycle 100% Characteristic coil data 12 V DC: 1.8 W Permissible voltage fluctuations 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 Shock resistance Shock test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock resistance 2 - Moderate corrosion stress LABS (PWIS) conformity WDMA24364-C1-L Media temperature - 10 °C 50 °C	Conforms to standard	ISO 15218
Flow direction Non-reversible Symbol lap Underlap Note on forced dynamization Switching frequency min. 1/week Switching time off 6 ms Switching time on Duty cycle 100% Characteristic coil data 12 V DC: 1.8 W Permissible voltage fluctuations 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 2 - Moderate corrosion stress LABS (PWIS) conformity WDMA24364-C1-L Media temperature -10 °C 50 °C	Manual override	ů .
Symbol 00991308 lap Underlap Note on forced dynamization Switching frequency min. 1/week Switching time off 6 ms Switching time on 6 ms Duty cycle 100% Characteristic coil data 12 V DC: 1.8 W Permissible voltage fluctuations -15%/+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 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-C1-L Media temperature -10 °C 50 °C	Type of piloting	Direct
lap Underlap Note on forced dynamization Switching frequency min. 1/week Switching time off 6 ms Switching time on 6 ms Duty cycle 100% Characteristic coil data 12 V DC: 1.8 W Permissible voltage fluctuations -15%/+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 2 · Moderate corrosion stress LABS (PWIS) conformity VDMA24364-C1-L Media temperature -10 °C 50 °C	Flow direction	Non-reversible
Note on forced dynamization Switching frequency min. 1/week 6 ms Switching time on 6 ms Duty cycle 100% Characteristic coil data 12 V DC: 1.8 W Permissible voltage fluctuations 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 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-C1-L Media temperature -10 °C 50 °C	Symbol	00991308
Switching time off Switching time on 6 ms Duty cycle 100% Characteristic coil data 12 V DC: 1.8 W Permissible voltage fluctuations 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 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-C1-L Media temperature -10 °C 50 °C	lap	Underlap
Switching time on 6 ms Duty cycle 100% Characteristic coil data 12 V DC: 1.8 W Permissible voltage fluctuations -15%/+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 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-C1-L Media temperature -10 °C 50 °C	Note on forced dynamization	Switching frequency min. 1/week
Duty cycle 100% Characteristic coil data 12 V DC: 1.8 W Permissible voltage fluctuations -15%/+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 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-C1-L Media temperature -10 °C 50 °C	Switching time off	6 ms
Characteristic coil data 12 V DC: 1.8 W Permissible voltage fluctuations -15%/+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 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-C1-L Media temperature -10 °C 50 °C	Switching time on	6 ms
Permissible voltage fluctuations -15%/+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 60068-2-7 Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-C1-L Media temperature -10 °C 50 °C	Duty cycle	100%
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 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-C1-L Media temperature -10 °C 50 °C	Characteristic coil data	12 V DC: 1.8 W
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 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-C1-L Media temperature -10 °C 50 °C	Permissible voltage fluctuations	-15%/+10%
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 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-C1-L Media temperature -10 °C 50 °C	Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-C1-L Media temperature -10 °C 50 °C	Note on operating and pilot medium	
Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-C1-L Media temperature -10 °C 50 °C	Vibration resistance	
LABS (PWIS) conformity VDMA24364-C1-L Media temperature -10 °C 50 °C	Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Media temperature -10 °C 50 °C	Corrosion resistance class CRC	2 - Moderate corrosion stress
· · · · · · · · · · · · · · · · · · ·	LABS (PWIS) conformity	VDMA24364-C1-L
Ambient temperature -10 °C 50 °C	Media temperature	-10 °C 50 °C
	Ambient temperature	-10 °C 50 °C

Feature	Value
Electrical connection	Type C To DIN EN 175301-803
Pneumatic connection, port 1	Sub-base
Pneumatic connection, port 2	Sub-base
Pneumatic connection, port 3	Sub-base
Note on materials	RoHS-compliant
Material seals	NBR