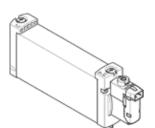
## Solenoid valve VUVG-B18-M52-MZT-F-1H2L-W1 Part number: 578828

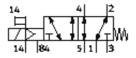
This type is suitable for vacuum.



## **Data sheet**

Valve function         5/2 monostable           Type of actuation         electrical           Valve size         18 mm           Standard nominal flow rate         0.000 //min           Operating pressure MPa         0.09 10 Par           Design structure         Piston slide           Type of rest         mechanical spring           Authorization         RCM Mark           CUL us - Recognized (OL)           Protection class         IPA0           Nominal size         6.9 mm           Exhaust-air function         throttleable           Sealing principle         soft           Assembly position         Any           Manual override         detenting           Puston sition         Any           Manual override         detenting           Plot ar supply         external           Lap         Indefinite overlap           Plot pressure         3 0.8 MPa           Plot pressure         3 0.8 MPa           Plot pressure with logic 0         700 µs           Max, positive test pulse with logic 1         900 µs           Characteristic coil data         24 V DC: 1 W           Perrating and pilot medium         Lopreating and pilot medium	Feature	Value
Valve size         18 mm           Standard nominal flow rate         1,000 l/min           Operating pressure MPa         0.09 1 MPa           Working pressure MPa         0.9 10 bar           Design structure         Piston slide           Type of reset         mechanical spring           Authorization         RCM Mark           c Ut us - Recognized (01)         Protection class           With plug socket         With plug socket           Nominal size         6.9 mm           Exhaust-air function         throttleable           Sealing principle         soft           Assembly position         Any           Manual override         detenting           Pushing         Covered           Type of piloting         Pilot det           Pilot air supply         external           Lap         0.3 0.8 MPa           Pilot pressure MPa         0.3 0.8 MPa           Pilot pressure Sortive step use with logic 0         700 µS           Max, positive test pulse with logic 1         900 µS           Characteristic coil data         24 V DC: 1 W           Permissible voltage fluctuation         4/10 %           Operating medium         Coupressult ascervity level 2 in accordance with FN 942	Valve function	5/2 monostable
Standard nominal flow rate       1,000 l/min         Operating pressure MPa       -0.09 1 MPa         Working pressure       -9	Type of actuation	electrical
Operating pressure MPa         0.09 1 MPa           Working pressure         0.03 10 bar           Design structure         Piston slide           Type of reset         mechanical spring           Authorization         c UL us - Recognized (OL)           Protection class         IP40           with plug socket         Softwark           Nominal size         6.9 mm           Exhaust-air function         throttleable           Sealing principle         soft           Assembly position         Any           Manual override         detenting           Pusching         Covered           Type of piloting         Piloted           Pilot pressure MPa         0.3 0.8 MPa           Pilot pressure MPa         0.3 0.8 MPa           Pilot pressure         3 8 bar           Switching time on         10 ms           Duty cycle         100 %           Max. negative test pulse with logic 0         700 µs           Max. negative test pulse with logic 1         900 µs           Characteristic coil data         24 V DC: 1W           Permissible voltage fluctuation         4/- 10 %           Operating medium         Corpressed air in accordance with FN 942017-5 and EN 60068-2-6 <td>Valve size</td> <td>18 mm</td>	Valve size	18 mm
Working pressure0.9 10 barDesign structurePiston slidePrope of resetmechanical springAuthorizationRCM Markcul Lu s. Recognized (0L)Protection classIP40with plug socketwith plug socketNominal size6.9 mmExhaust air functionthrottleableSealing principlesoftAssembly positionAnyManual overridedetentingPus of pliotingPilotedPilot air supplyexternalLap10.8 GamSwitching time off3 0.8 MPaSwitching time off3 8 barSwitching time on100 %Duty cycle100 %Max. negative test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data4/ 10 %Permissible voltage fluctuation+/ 10 %Operating mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Note on operating and pliot mediumSubricking current reductionVibration resistanceShock test with service 1Sock test subles with Regression550 °CShock test with service240042364-B1/B2-LMedium temperature560 °CPWIS conformityVDMA24364-B1/B2-LMedium temperature560 °C	Standard nominal flow rate	1,000 l/min
Design structure         Piston slide           Type of reset         mechanical spring           Authorization         CUI us- Recognized (OL)           Protection class         IP40           with plug socket         IP40           Nominal size         6-9 mm           Exhaust air function         thorttleable           Sealing principle         soft           Assembly position         Any           Manual override         Pushing           Covered         Pushing           Type of piloting         Piloted           Pilot air supply         external           Lap         Indefinite overlap           Pilot pressure         3 0.8 MPa           Switching time off         3 0.8 MPa           Switching time off         10 ms           Duty cycle         100 %           Max. positive test pulse with logic 1         900 µs           Characteristic coil data         24 VDC: 1W           Permissible outsafe fucutation         -/ 10 %           Operating medium         Compressed air in accordance with IS08573-1:2010 [7:4:4]           Note on operating and pilot medium         Operation possible (subsequent) required for further operation possible (subsequent) required for further operation possible (subsequent) required for	Operating pressure MPa	-0.09 1 MPa
Type of reset         mechanical spring           Authorization         CLW us-Recognized (OL)           Protection class         IP40           with plug socket         Nominal size           Sealing principle         Soft           Assembly position         Any           Manual override         detenting Pushing Covered           Type of piloting         Piloted           Pilot aris upply         external           Lap         Indefinite overlap           Pilot pressure         3 8 bar           Switching time off         45 ms           Switching time off         45 ms           Switching time off         500 ys           Max, positive test pulse with logic 0         700 µs           Max, positive test pulse with logic 1         900 µs           Characeristic coil data         24 V DC: 1 W           Permissible outgare fluctuation         +/ 1 0 %           Operating medium         Compressed air in accordance with IS08573-1:2010 [7:4:4]           Note on operating nodium         Compareside air in accordance with FN 942017-4 and EN 60068-2:6           Restriction ambient and medium temperature         With out holding current reduction 1:5 -5 0 °C           Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2:6	Working pressure	-0.9 10 bar
Authorization       RCM Mark         c UL us - Recognized (OL)         Protection class       With plug socket         Nominal size       6.9 mm         Exhaust-air function       throttleable         Sealing principle       soft         Assembly position       Any         Manual override       detenting         Pushing       Covered         Type of piloting       Piloted         Pilot air supply       external         Lap       Indefinite overlap         Pilot pressure MPa       0.3 0.8 MPa         Pilot pressure MPa       0.3 0.8 MPa         Switching time off       45 ms         Switching time off       45 ms         Max, negative test pulse with logic 0       700 µs         Max, negative test pulse with logic 1       900 µs         Characteristic coil data       24 VDC: 1 W         Permissible outget fluctuation       4/ 10 %         Operating medium       Lubricated operation possible (subsequently required for further operation)         Vibration resistance       Yishout conding current reduction         Y-10 %       Socion resistance       Sociol Code/2-2         Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6       Shock test with sev	Design structure	Piston slide
c UL us - Recognized (OL)         Protection class       IP40         with plug socket       with plug socket         Nominal size       6.9 mm         Exhaust-air function       throttleable         Sealing principle       soft         Assembly position       Any         Manual override       detenting         Pushing       covered         Type of piloting       Piloted         Pilot air supply       external         Lap       Indefinite overlap         Pilot pressure MPa       0.30.8 MPa         Switching time off       45 ms         Switching time off       45 ms         Duty cycle       100 ms         Duty cycle       100 s         Max. positive test pulse with logic 0       700 µs         Max. pastive test pulse with logic 1       900 µs         Characteristic coil data       4/ 10 %         Operating medium       Compressed air in accordance with IS08573-1:2010 [7:4:4]         Note on operating and pilot medium       Fransport application test at severity level 2 in accordance with FN 4/ 2017-4 and EN 60068-2-6         Vibration resistance       Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-7         Shock resistance       Shode test with sev	Type of reset	mechanical spring
Protection class       IP40         with plug socket       Nominal size         Exhaust-air function       throttleable         Sealing principle       soft         Assembly position       Any         Manual override       detenting         Pushing       Covered         Type of piloting       Piloted         Pilot air supply       external         Lap       Indefinite overlap         Pilot pressure       3 0.8 MPa         Pilot pressure       3 8 bar         Switching time off       45 ms         Switching time on       10 ms         Duty cycle       100 %         Max. negative test pulse with logic 0       700 µs         Max. negative test pulse with logic 1       900 µs         Characteristic coil data       24 V DC: 1 W         Permissible voltage fluctuation       4/-10 %         Operating and pilot medium       Lubricated operation possible (subsequently required for further operation)         Vibraton resistance       Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6         Restriction ambient and medium temperature       Without holding current reduction -5-50 °C         Shock resistance       Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-2	Authorization	RCM Mark
with plug socketNominal Size6.9 mmSchaust-air functionthrottleableSealing principlesoftAssembly positionAnyManual overridedetenting Pushing CoveredType of pilotingPilotedPilot air supplyexternalItal supplyexternalLapIndefinite overlapPilot pressure MPa308 MPaPilot pressure MPa308 MPaSwitching time off45 msSwitching time off900 µsMax. positive test pulse with logic 0700 µsMax. positive test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 WPermissible voltage fluctuation+/-10 %Operating mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceShock test with severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Restriction ambient and medium temperatureWithout holding current reduction -5-50 °CShock rest stanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Portson resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Post on or pression rest stanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Portson resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Portson resistanceShock		c UL us - Recognized (OL)
Nominal size6.9 mmExhaust-air functionthrottleableSealing principlesoftAssembly positionAnyManual overridedetenting Pushing CoveredType of pilotingPilotedPilot air supplyexternalLapIndefinite overlapPilot pressure MPa0.3 0.8 MPaPilot pressure MPa3 8 barSwitching time off45 msSwitching time off900 ysMax. positive test pulse with logic 0700 μsMax. positive test pulse with logic 1900 ysCharacteristic coil data24 VDC: 1 WPermissible voltage fluctuation+/ 10 %Operating mediumCompressed air in accordance with IS08573-1:2010[7:4:4]Note on operating and pilot mediumtubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-5 and EN 60668-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressPWIS conformityVDM243364B1/B2-LMedium temperature5 60 °C	Protection class	IP40
Exhaust-air functionthrottleableSealing principlesoftAssembly positionAnyManual overridedetenting Pushing CoveredType of pilotingPilotedPilot air supplyexternalLapIndefinite overlapPilot pressure MPa0.3 0.8 MPaPilot pressure MPa3 8 barSwitching time off45 msSwitching time off100 %Max. positive test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 WPermissible voltage fluctuation+/-10 %Operating mediumCompressed air in accordance with IS08573-1:2010 [7:4:4]Note on operating and pilot mediumUrbritated operation possible (subsequently required for further operation operation able not set at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Restriction ambient and medium temperatureWithout holding current reduction -5 - 50 °CShock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27PWIS conformityVDM24364-B1/B2-LMedium temperature-5 60 °C		with plug socket
Sealing principle       soft         Assembly position       Any         Manual override       detenting Pushing Covered         Type of piloting       Piloted         Pilot air supply       external         Lap       Indefinite overlap         Pilot pressure MPa       0.3 0.8 MPa         Pilot pressure MPa       0.3 0.8 MPa         Switching time off       45 ms         Switching time on       10 ms         Duty cycle       100 %         Max. negative test pulse with logic 1       900 µs         Characteristic coil data       24 V DC: 1 W         Permissible voltage fluctuation       +/ 10 %         Operating medium       Compressed air in accordance with IS08573-1:2010 [7:4:4]         Note on operating and pilot medium       Lubricated operation possible (subsequently required for further operation; medium         Vibration resistance       Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6         Restriction ambient and medium temperature       Without holding current reduction -5 - 50 °C         Shock tesistance       Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27         Corrosion resistance classification CRC       2 - Moderate corrosion stress         PWIS conformity       VDM243464-B1/B2-L </td <td>Nominal size</td> <td>6.9 mm</td>	Nominal size	6.9 mm
Assembly position       Any         Manual override       detenting         Manual override       Pushing         Covered       Type of piloting         Type of piloting       Piloted         Pilot air supply       external         Lap       Indefinite overlap         Pilot pressure MPa       0.30.8 MPa         Pilot pressure MPa       38 bar         Switching time off       45 ms         Switching time on       10 ms         Duty cycle       100 %         Max. positive test pulse with logic 1       900 µs         Characteristic coil data       24 V DC: 1 W         Permissible voltage fluctuation       +/ 10 %         Operating medium       Compressed air in accordance with IS08573-1:2010 [7:4:4]         Note on operating and pilot medium       ubricated 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         Restriction ambient and medium temperature       Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-7         Shock resistance       Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-7         Shock resistance       Shock test with severity level 2 in accordance with FN 9420	Exhaust-air function	throttleable
Manual override       detenting         Pushing       Covered         Type of piloting       Piloted         Pilot air supply       external         Lap       Indefinite overlap         Pilot pressure MPa       0.30.8 MPa         Pilot pressure MPa       0.30.8 MPa         Switching time off       45 ms         Switching time off       45 ms         Switching time on       10 ms         Duty cycle       100 %         Max. negative test pulse with logic 0       700 µs         Max. negative test pulse with logic 1       900 µs         Characteristic coil data       24 V DC: 1 W         Permissible voltage fluctuation       +/- 10 %         Operating medium       Compressed air in accordance with IS08573-1:2010[7:4:4]         Note on operating and pilot medium       Ubricated 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         Restriction ambient and medium temperature       Without holding current reduction -5-50 °C         Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27       Corrosion resistance classification CRC         PWIS conformity       VDMA24364-B1/B2-L       Medium temperature <td>Sealing principle</td> <td>soft</td>	Sealing principle	soft
Pushing CoveredType of pilotingPilotedPilot air supplyexternalLapIndefinite overlapPilot pressure MPa0.3 0.8 MPaPilot pressure MPa0.3 0.8 MPaPilot pressure MPa0.3 0.8 MPaSwitching time off3 8 barSwitching time on10 msDuty cycle100 %Max. negative test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 WPermissible voltage fluctuation+/- 10 %Operating mediumCompressed air in accordance with IS08573-1:2010[7:4:4]Note on operating and pilot mediumUbricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Restriction ambient and medium temperatureShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27PWIS conformityVDMA24364-B1/B2-LMedium temperature-5 60 °C	Assembly position	Any
CoveredType of pilotingPilotedPilot air supplyexternalLapIndefinite overlapPilot pressure MPa0.3 0.8 MPaPilot pressure MPa0.3 0.8 MPaSwitching time off45 msSwitching time on10 msDuty cycle100 %Max. positive test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 WPermissible voltage fluctuation+/- 10 %Operating mediumCompressed air in accordance with IS08573-1:2010[7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Restriction ambient and medium temperatureShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Wils conformityVDMA24364-B1/B2-LMedium temperature-5 60 °C	Manual override	detenting
Type of pilotingPilotedPilot air supplyexternalLapIndefinite overlapPilot pressure MPa0.3 0.8 MPaPilot pressure3 8 barSwitching time off45 msSwitching time on10 msDuty cycle100 %Max. positive test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 WPermissible voltage fluctuation+/- 10 %Operating mediumCompressed air in accordance with IS08573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Restriction ambient and medium temperatureWithout holding current reduction -5 - 50 °CShock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressPWIS conformityVDMA24364-B1/B2-LMedium temperature-5 60 °C		Pushing
Pilot air supplyexternalLapIndefinite overlapPilot pressure MPa0.308 MPaPilot pressure MPa38 barSwitching time off45 msSwitching time on10 msDuty cycle100 %Max. positive test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 WPermissible voltage fluctuation+/-10 %Operating mediumCompressed air in accordance with IS08573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceShock test with severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Restriction ambient and medium temperatureWithout holding current reduction -5 - 50 °CShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Qurros formityVDMA24364-B1/B2-LMedium temperature5 60 °C		Covered
LapIndefinite overlapPilot pressure MPa0.3 0.8 MPaPilot pressure3 8 barSwitching time off45 msSwitching time on10 msDuty cycle100 %Max. positive test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 WPermissible voltage fluctuation+/- 10 %Operating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Restriction ambient and medium temperatureWithout holding current reduction -5 - 50 °CShock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressPWIS conformityVDMA24364-B1/B2-LMedium temperature-5 60 °C	Type of piloting	Piloted
Pilot pressure MPa0.3 0.8 MPaPilot pressure3 8 barSwitching time off45 msSwitching time on10 msDuty cycle100 %Max. positive test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 WPermissible voltage fluctuation+/- 10 %Operating mediumCompressed air in accordance with IS08573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Restriction ambient and medium temperatureWithout holding current reduction -5 - 50 °CShock test swith severity level 2 in accordance with FN 942017-5 and EN 60068-2-7Corrosion resistance classification CRC2 - Moderate corrosion stressPWIS conformityVDMA24364-B1/B2-LMedium temperature-5 60 °C	Pilot air supply	external
Pilot pressure       3 8 bar         Switching time off       45 ms         Switching time on       10 ms         Duty cycle       100 %         Max. positive test pulse with logic 0       700 µs         Max. negative test pulse with logic 1       900 µs         Characteristic coil data       24 V DC: 1 W         Permissible voltage fluctuation       +/- 10 %         Operating medium       Compressed air in accordance with IS08573-1:2010 [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         Restriction ambient and medium temperature       Without holding current reduction -5 - 50 °C         Shock resistance       Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27         Corrosion resistance classification CRC       2 - Moderate corrosion stress         PWIS conformity       VDMA24364-B1/B2-L         Medium temperature       -5 60 °C	Lap	Indefinite overlap
Switching time off45 msSwitching time on10 msDuty cycle100 %Max. positive test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 WPermissible voltage fluctuation+/-10 %Operating mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Restriction ambient and medium temperatureWithout holding current reduction -5 - 50 °CShock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-7Corrosion resistance classification CRC2 - Moderate corrosion stressPWIS conformityVDMA24364-B1/B2-LMedium temperature-5 60 °C	Pilot pressure MPa	0.3 0.8 MPa
Switching time on10 msDuty cycle100 %Max. positive test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 WPermissible voltage fluctuation+/- 10 %Operating mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Restriction ambient and medium temperatureWithout holding current reduction -5 - 50 °CShock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressPWIS conformityVDMA24364-B1/B2-LMedium temperature-5 60 °C	Pilot pressure	3 8 bar
Duty cycle100 %Max. positive test pulse with logic 0700 μsMax. negative test pulse with logic 1900 μsCharacteristic coil data24 V DC: 1 WPermissible voltage fluctuation+/- 10 %Operating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Restriction ambient and medium temperatureWithout holding current reduction -5 - 50 °CShock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressPWIS conformityVDMA24364-B1/B2-LMedium temperature-5 60 °C	Switching time off	45 ms
Max. positive test pulse with logic 0700 μsMax. negative test pulse with logic 1900 μsCharacteristic coil data24 V DC: 1 WPermissible voltage fluctuation+/- 10 %Operating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Restriction ambient and medium temperatureWithout holding current reduction -5 - 50 °CShock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressPWIS conformityVDMA24364-B1/B2-LMedium temperature-5 60 °C	Switching time on	10 ms
Max. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 WPermissible voltage fluctuation+/- 10 %Operating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Restriction ambient and medium temperatureWithout holding current reduction -5 - 50 °CShock resistance classification CRC2 - Moderate corrosion stressPWIS conformityVDMA24364-B1/B2-LMedium temperature-5 60 °C	Duty cycle	100 %
Characteristic coil data24 V DC: 1 WPermissible voltage fluctuation+/- 10 %Operating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Restriction ambient and medium temperatureWithout holding current reduction -5 - 50 °CShock resistance classification CRC2 - Moderate corrosion stressPWIS conformityVDMA24364-B1/B2-LMedium temperature-5 60 °C	Max. positive test pulse with logic 0	700 µs
Permissible voltage fluctuation+/- 10 %Operating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Restriction ambient and medium temperatureWithout holding current reduction -5 - 50 °CShock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressPWIS conformityVDMA24364-B1/B2-L -5 60 °C	Max. negative test pulse with logic 1	900 µs
Operating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Restriction ambient and medium temperatureWithout holding current reduction -5 - 50 °CShock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressPWIS conformityVDMA24364-B1/B2-L -5 60 °C	Characteristic coil data	24 V DC: 1 W
Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Restriction ambient and medium temperatureWithout holding current reduction -5 - 50 °CShock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressPWIS conformityVDMA24364-B1/B2-L -5 60 °C	Permissible voltage fluctuation	+/- 10 %
operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Restriction ambient and medium temperatureWithout holding current reduction -5 - 50 °CShock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressPWIS conformityVDMA24364-B1/B2-LMedium temperature-5 60 °C	Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
942017-4 and EN 60068-2-6         Restriction ambient and medium temperature       Without holding current reduction         -5 - 50 °C         Shock resistance       Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27         Corrosion resistance classification CRC       2 - Moderate corrosion stress         PWIS conformity       VDMA24364-B1/B2-L         Medium temperature       -5 60 °C	Note on operating and pilot medium	
-5 - 50 °C         Shock resistance         Shock resistance         Corrosion resistance classification CRC         2 - Moderate corrosion stress         PWIS conformity         VDMA24364-B1/B2-L         Medium temperature         -5 60 °C	Vibration resistance	
Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressPWIS conformityVDMA24364-B1/B2-LMedium temperature-5 60 °C	Restriction ambient and medium temperature	-
PWIS conformityVDMA24364-B1/B2-LMedium temperature-5 60 °C	Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN
PWIS conformityVDMA24364-B1/B2-LMedium temperature-5 60 °C	Corrosion resistance classification CRC	2 - Moderate corrosion stress
Medium temperature -5 60 °C		
	,	· · · · · · · · · · · · · · · · · · ·
Pilot medium	Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]





## FESTO

Feature	Value
Ambient temperature	-5 60 °C
Product weight	154 g
Electrical connection	Via electrical connection plate
Mounting type	on manifold rail
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
Material housing	Wrought Aluminum alloy