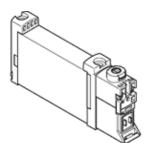
## Solenoid valve VUVG-B10-M52-MZT-F-1P3 Part number: 574367

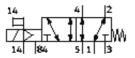
This type is suitable for vacuum.



## **Data sheet**

Valve function     5/2 monostable       Type of actuation     electrical       Operating pressure MPa     0.090.8 MPa       Design structure     Piston silde       Design structure     Piston silde       Dype of reset     mechanical spring       Authorization     RCM Mark       CU Us Recognized (OL)     Protection class       IP46	Feature	Value
Valve size     10 mm       Standard nominal flow rate     230 l/min       Operating pressure MPa     -0.09 0.8 MPa       Working pressure     -0.9 8 bar       Design structure     Piston slide       Type of reset     mechanical spring       Authorization     CUL us - Recognized (0L)       Protection class     IP665       with plug socket     2.3 mm       Kabast-air function     through socket       Nominal size     2.3 mm       Sealing principle     soft       Assembly position     Any       Manual override     detenting       Pushing     Covered       Type of ploting     Ploted       Plot ar supply     external       Lap     Positive overlap       Plot pressure MPa     0.3 0.8 MPa       Suitability for vacuum     Yes       Switching time off     24 ms       Switching time off     24 ms       Switching time off     24 V DC: 1W       Max, positive test pulse with logic 0     700 µs       Max, positive test pulse with logic 1     900 µs	Valve function	5/2 monostable
Standard nominal flow rate   230 //min     Operating pressure MPa   0.09 0.8 MPa     Working pressure   0.9 8 bar     Design structure   Piston slide     Type of reset   mechanical spring     Authorization   RCM Mark     c UL us - Recognized (0L)   Protection class     IP64   IP65     with plug socket   2.3 mm     Exhaust-air function   thorttleable     Sealing principle   soft     Assembly position   Any     Manual override   detenting     Pushing   Covered     Plot pressure   3 8 bar     Plot pressure   3 8 bar     Suitability for vacuum   Yes     Switching time off   24 ms     Switching time on   4 VD C: 1 W C:	Type of actuation	electrical
Operating pressure MPa   0.0 9 0.8 MPa     Working pressure   0.9 0.8 MPa     Working pressure   0.9 0.8 Mar     Design structure   Piston slide     Type of reset   mechanical spring     Authorization   RCM Mark     cUL us - Recognized (OL)   Protection class     IPA6   with plug socket     Nominal size   2.3 mm     Exhaust-air function   throtiteable     Sealing principle   soft     Assembly position   Any     Manual override   Quered     Type of piloting   Piloted     Pilot pressure MPa   0.3 0.8 MPa     Switching time off   24 ms     Switching time off   24 ms     Switching time off   24 ms     Switching time off   24 Vpc : 100 %     Max. positive test pulse with logic 0   700 µs     Max. positive test pulse with logic 1   900 µs     Characteristi	Valve size	10 mm
Working pressure   -0.9 8 har     Design structure   Piston silde     Prope of reset   mechanical spring     Authorization   CLM wark     c.UL us - Recognized (OL)     Protection class   IP40     IP45   with plug socket     Nominal size   2.3 mm     Exhaust-air function   throttleable     Sealing principle   soft     Assembly position   Any     Manual override   detenting     Pushing   Covered     Pupe of piloting   Piloted     Pilot air supply   external     Lap   0.3 0.8 MPa     Pilot pressure   3 8 bar     Suitability for vacuum   Yes     Switching time off   24 ms     Switching time off   24 ms     Switching time off   26 vD C: 1 W     Ava, positive test pulse with logic 1   900 µs     Characteristic coil data   24 VD C: 1 W     Permissible voltage fluctuation   4/ 10 %     Operation medium   coprested air in accordance with ISO8573-1:2010 [7:4:4]     Note on operating and pilot medium   coprested operation poss	Standard nominal flow rate	230 l/min
Design structure     Piston silde       Type of reset     mechanical spring       Authorization     RCM Mark       c UL us - Recognized (OL)       Protection class     IP63       Nominal size     2.3 mm       Exhaust-air function     throttleable       Sealing principle     3oft       Assembly position     Any       Manual override     detenting       Pushing     Covered       Type of piloting     Piloted       Pilot pressure MPa     0.3 0.8 MPa       Switching time on     Yes       Switching time on     8 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       Ave DC i low-current phase 0.3 W, high-current phase 1.0 W       Permissible voltage fluctuation     +/-10 %	Operating pressure MPa	-0.09 0.8 MPa
Type of reset     mechanical spring       Authorization     CM Mark       c UL us - Recognized (OL)       Protection class     IP40       IP45     with plug socket       Nominal size     2.3 mm       Exhaust-air function     throttleable       Sealing principle     soft       Assembly position     Any       Manual override     Pushing       Pushing     Covered       Type of piloting     Piloted       Pilot air supply     external       Lap     Bar       Suitability for vacuum     Yes       Switching time on     8 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       Ave V DC: low-current phase 0.3 W, high-current phase 1.0 W       Permissible voltage fluctuation     +/10 %       Operating medium     Compressed air in accordance with FN 942017-4 and EN 60068-2-6       Restriction ambient and medium temperature     Transport application test at severity level 2 in accordance with FN 942017-5 and E	Working pressure	-0.9 8 bar
Authorization   RCM Mark     c UL us - Recognized (OL)     Protection class   IP40     IP65   with plug socket     Nominal size   2.3 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   Positive overlap     Pilot pressure MPa   0.3 0.8 MPa     Pilot pressure   3 8 bar     Suitability for vacuum   Yes     Switching time on   8 ms     Duty cycle   100 %     Max. negative test pulse with logic 1   900 µs     Characteristic coil data   24 V DC: 1 W     Averaget est pulse with logic 1   900 µs     Characteristic coil data   24 V DC: 1 W     Operating medium   Comperssed air in accordance with ISO8573-1:2010[7:4:4]     Note on operating and pilot medium   Comperssed air in accordance with ISO8573-1:2010[7:4:4]     Note on operating and pilot medium   Comperssed air in accordance with ISO8573-1:2	Design structure	Piston slide
c UL us - Recognized (0L)       Protection class     IP40       IP65     with plug socket       Nominal size     2.3 mm       Schaust-air function     thorttleable       Sealing principle     soft       Assembly position     Any       Manual override     detenting       Pushing     Covered       Type of piloting     Piloted       Pilot pressure MPa     0.3 0.8 MPa       Pilot pressure MPa     3 0.8 MPa       Switching time on     Sams       Switching time on     8 ms       Duty cycle     100 %       Max. positive test pulse with logic 1     900 µs       Characteristic coil data     24 V DC: 1W       Ave DC: 1w     24 V DC: 1w       Permissible voltage fluctuation     +/ 10%       Voltagen and pilot medium     Compersed air in accordance with IS08573-1:2010 [7:4:4]       Note on operating and pilot medium     Compersed air in accordance with FN 942017-5 and EN 60068-2-6       Restriction ambient and medium temperature     5 - 50 °C       Shock resistance     Sock resistance	Type of reset	mechanical spring
Protection class   IP40     Wominal size   2.3 mm     Exhaust-air function   throttleable     Sealing principle   soft     Assembly position   Any     Manual override   detenting     Pushing   Covered     Type of piloting   Piloted     Lap   Positive overlap     Pilot ar supply   external     Lap   Positive overlap     Pilot pressure   38 bar     Switching time off   24 ms     Switching time off   24 ms     Switching time off   24 V DC: 1 W     Ax, positive test pulse with logic 1   900 µs     Characteristic coil data   24 V DC: 1 W     24 V DC: 1 W   24 V DC: 1 W     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 942017-5 and EN 60068-2-6     Shock resistance   Shock rest with severity level 2 in accordance with FN 942017-5 and EN 60068-2-7	Authorization	RCM Mark
IP65 with plug socketNominal size2.3 mmExhaust-air functionthrottleableSealing principlesoftAssembly positionAnyManual overridedetenting Pushing CoveredType of pilotingPilotedPilot air supplyexternalLapPositive overlapPilot pressure MPa0.3 0.8 MPaSuitability for vacuumYesSwitching time off24 msSwitching time off24 msDuty cycle100 %Max, negative test pulse with logic 0700 µsMax, negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 WPermissible voltage fluctuation4/ 10 %Operating mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Note on operating and pilot mediumTransport application test at 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 60068-2-27		c UL us - Recognized (OL)
with plug socketNominal size2.3 mmExhaust-air functionthrottleableSealing principlesoftAssembly positionAnyManual overridedetenting Pushing CoveredPushingCoveredType of pilotingPilotedPilot air supplyexternalLapPositive overlapPilot pressure MPa0.3 0.8 MPaPilot pressure MPa3 8 barSwitching time off24 msSwitching time off24 msSwitching time off24 vmsDuty cycle100 %Max. positive test pulse with logic 0700 µsMax. positive test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 W24 V DC: 1 W24 V DC: 1 W24 V DC: 1 W24 V DC: 1 WOperating 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 resistanceWithout holding current reduction -5 - 50 °CShock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27	Protection class	IP40
Nominal size   2.3 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   Positive overlap     Pilot pressure MPa   0.3 0.8 MPa     Switching time off   24 ms     Switching time off   24 ms     Switching time on   8 ms     Duty cycle   100 %     Max. negative test pulse with logic 0   700 µs     Max.negative test pulse with logic 1   900 µs     Coperating medium   Coperation possible (subsequently required for further operation)     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 942017-5 and EN 60068-2-27		IP65
Exhaust-air functionthrottleableSealing principlesoftAssembly positionAnyManual overridedetenting Pushing CoveredType of pilotingPillotedPilot air supplyexternalLapPositive overlapPilot pressure MPa0, 3 0.8 MPaPilot pressure3 8 barSuitability for vacuumYesSwitching time off24 msDuty cycle100 %Max. negative test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 WQuertistic coil data24 V DC: 1 WQuertistic with operation+/-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 resistanceWithout holding current reduction -5 -50 °CShock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27		with plug socket
Sealing principle   soft     Assembly position   Any     Manual override   detenting Pushing Covered     Type of piloting   Piloted     Pilot air supply   external     Lap   Positive overlap     Pilot pressure MPa   0.3 0.8 MPa     Pilot pressure MPa   0.3 0.8 MPa     Switching time off   24 ms     Switching time on   8 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   +/ 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	Nominal size	2.3 mm
Assembly positionAnyManual overridedetentingManual overridedetentingPushingCoveredType of pilotingPilotedPilot air supplyexternalLapPositive overlapPilot pressure MPa0.3 0.8 MPaPilot pressure MPa0.3 0.8 MPaSwitching time off24 msSwitching time off24 msSwitching time off24 msDuty cycle100 %Max. positive test pulse with logic 0700 μsMax. positive test pulse with logic 1900 μsCharacteristic coil data24 V DC: 1 W24 V DC: 1 W24 V DC: 100 %Permissible voltage fluctuation4/- 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 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27	Exhaust-air function	throttleable
Manual override   detenting     Pushing   Covered     Type of piloting   Piloted     Pilot air supply   external     Lap   Positive overlap     Pilot pressure MPa   0.3 0.8 MPa     Pilot pressure   3 8 bar     Suitability for vacuum   Yes     Switching time off   24 ms     Switching time on   8 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     Querating 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 942017-5 and EN 60068-2-6     Shock resistance   Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27	Sealing principle	soft
Pushing CoveredType of pilotingPilotedPilot air supplyexternalLapPositive overlapPilot pressure MPa0.3 0.8 MPaPilot pressure MPa0.3 0.8 MPaSuitability for vacuumYesSwitching time off24 msSwitching time on8 msDuty cycle100 %Max. positive test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 W24 V DC: 1 W24 V DC: 1 WQoerating medium+/- 10 %Operating and pilot mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Note on operating and pilot mediumTransport 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 60068-2-27	Assembly position	Any
CoveredType of pilotingPilotedPilot ar supplyexternalLapPositive overlapPilot pressure MPa0.3 0.8 MPaPilot pressure MPa3 8 barSuitability for vacuumYesSwitching time off24 msSwitching time on8 msDuty cycle100 %Max. positive test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1WQv DC: low-current phase 0.3 W, high-current phase 1.0 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 60068-2-27Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27	Manual override	detenting
Type of pilotingPilotedPilot air supplyexternalLapPositive overlapPilot pressure MPa0.3 0.8 MPaPilot pressure MPa3 8 barSuitability for vacuumYesSwitching time off24 msSwitching time on8 msDuty cycle100 %Max. negative test pulse with logic 0700 μsMax. negative test pulse with logic 1900 μsCharacteristic coil data24 V DC: 1 WOperating mediumKorperation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-27		Pushing
Dit air supplyexternalLapPositive overlapPilot pressure MPa0.3 0.8 MPaPilot pressure3 8 barSuitability for vacuumYesSwitching time off24 msSwitching time on8 msDuty cycle100 %Max. negative test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 W24 V DC: 1 W24 V DC: 1 WOperating 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 942017-5 and EN 60068-2-27Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27		Covered
LapPositive overlapPilot pressure0.3 0.8 MPaPilot pressure3 8 barSuitability for vacuumYesSwitching time off24 msSwitching time on8 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 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 942017-5 and EN 60068-2-27Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27	Type of piloting	Piloted
Pilot pressure MPa0.3 0.8 MPaPilot pressure3 8 barSuitability for vacuumYesSwitching time off24 msSwitching time on8 msDuty cycle100 %Max. negative test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 WQerating 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 60068-2-27	Pilot air supply	external
Pilot pressure3 8 barSuitability for vacuumYesSwitching time off24 msSwitching time on8 msDuty cycle100 %Max. positive test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 W24 V DC: 1 w24 V DC: 1 wOperating medium4/- 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 resistanceWithout holding current reduction -5 - 50 °CShock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27	Lap	Positive overlap
Suitability for vacuumYesSwitching time off24 msSwitching time on8 msDuty cycle100 %Max. positive test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 W24 V DC: low-current phase 0.3 W, high-current phase 1.0 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 60068-2-27	Pilot pressure MPa	0.3 0.8 MPa
Switching time off24 msSwitching time on8 msDuty cycle100 %Max. positive test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 W24 V DC: low-current phase 0.3 W, high-current phase 1.0 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 60068-2-27	Pilot pressure	3 8 bar
Switching time on8 msDuty cycle100 %Max. positive test pulse with logic 0700 μsMax. negative test pulse with logic 1900 μsCharacteristic coil data24 V DC: 1 W24 V DC: low-current phase 0.3 W, high-current phase 1.0 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 60068-2-27	Suitability for vacuum	Yes
Duty cycle100 %Max. positive test pulse with logic 0700 μsMax. negative test pulse with logic 1900 μsCharacteristic coil data24 V DC: 1 W24 V DC: low-current phase 0.3 W, high-current phase 1.0 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 60068-2-27	Switching time off	24 ms
Max. positive test pulse with logic 0700 μsMax. negative test pulse with logic 1900 μsCharacteristic coil data24 V DC: 1 W24 V DC: low-current phase 0.3 W, high-current phase 1.0 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 60068-2-27	Switching time on	8 ms
Max. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 W 24 V DC: low-current phase 0.3 W, high-current phase 1.0 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 60068-2-27	Duty cycle	100 %
Characteristic coil data24 V DC: 1 W 24 V DC: low-current phase 0.3 W, high-current phase 1.0 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 60068-2-27	Max. positive test pulse with logic 0	700 μs
24 V DC: low-current phase 0.3 W, high-current phase 1.0 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 60068-2-7		900 µs
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     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	Characteristic coil data	24 V DC: 1 W
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     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		24 V DC: low-current phase 0.3 W, high-current phase 1.0 W
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     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	Permissible voltage fluctuation	
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		Compressed air in accordance with IS08573-1:2010 [7:4:4]
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	Note on operating and pilot medium	
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		
-5 - 50 °C Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27	Vibration resistance	
Shock resistance   Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27	Restriction ambient and medium temperature	Without holding current reduction
	Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN
	Corrosion resistance classification CRC	2 - Moderate corrosion stress

## **FESTO**



## FESTO

Feature	Value
PWIS conformity	VDMA24364-B1/B2-L
Medium temperature	-5 60 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 60 °C
Product weight	44 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