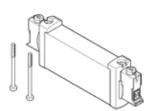
## solenoid valve VUVG-B18-T32C-MZT-F-1P3 Part number: 574446

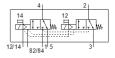
This type is suitable for vacuum.



## **Data sheet**

| Valve function         2x3/2 closed, monostable           Type of actuation         electrical           Valve size         18 mm           Standard nominal flow rate         750 l/min           Operating pressure         0.9 10 bar           Design structure         Piston slide           Type of reset         mechanical spring           Authorisation         RCM Mark           c CSA us (0L)         c UL us - Recognized (0L)           Protection class         IP40           IP65         with plug socket           Nominal size         5.7 mm           Exhaust-air function         throttleable           Sealing principle         soft           Assembly position         Any           Manual override         Querend           Plot al supply         external           Overlap         Positive overlap           Plot ar supply         external           Overlap         Positive overlap           Plot ar supply         external           Overlap         900 µs           Switching time on         15 ms           Duty cycle         100 %           Max. positive test pulse with logic 1         090 µs           Characteristic coil data <th> </th>   |             |
|---|-------------|
| Value size     18 mm       Standard nominal flow rate     750 I/min       Operating pressure     0.910 bar       Design structure     Piston silde       Type of reset     mechanical spring       Authorisation     RCM Mark       c CSA us (OL)     c UL us - Recognized (OL)       Protection class     IP40       IP65     with plug socket       Nominal size     5.7 mm       Exhaust-air function     throttleable       Sealing principle     soft       Assembly position     Any       Manual override     Pushing       Covered     Type of piloting       Pilot air supply     external       Overlap     Positive overlap       Pilot resure     28 bar       Switching time off     22 ms       Switching time off     22 ms       Switching time off     200 ys       Characteristic coil data     24 V DC: 1W       Permissible voltage fluctuation     +/-10 %       Operating and pilot medium     Compressed air in accordance with IS08573-11:2010[7:4:4]       Note on operating and pilot medium     Lubricated operation possible (subsequently required for furt operation)       Overlap     Fransport application test at severity level 2 in accordance with 9/42017       Oportage fuctuation     +/-10 % <tr< td=""><td></td></tr<>  |             |
| Standard nominal flow rate     750 l/min       Operating pressure     -0.910 bar       Design structure     Piston silide       Type of reset     mechanical spring       Authorisation     C CSA us (OL)<br>c UL us - Recognized (OL)       Protection class     IP40       With plug socket     scanable       Nominal size     5.7 mm       Exhaust-air function     throttelable       Sealing principle     soft       Assembly position     Any       Manual override     detenting       Plot at is supply     external       Overlap     Ploted       Plot ris supply     external       Overlap     22 ms       Switching time off     22 ms       Switching time off     22 ms       Switching time off     24 V DC: 1 W       Aux, positive test pulse 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     Compressed air in accordance with 1508573-1:2010[7:4:4]       Note on operating and pilot medium     Unbricated operation possible (subsequently required for furt operation)       Oybration resistance     5-0 ° C       Without holding current reduction  |             |
| Operating pressure       -0.9 10 bar         Design structure       Piston slide         Type of reset       mechanical spring         Authorisation       RCM Mark         c CSA us (OL)       c UL us - Recognized (OL)         Protection class       IP40         iP65       with plug socket         Nominal size       5.7 mm         Exhaust-air function       throttleable         Sealing principle       soft         Assembly position       Any         Manual override       detenting         Pushing       Covered         Type of piloting       Piloted         Pilot air supply       external         Overlap       Positive overlap         Pilot pressure       28 bar         Switching time on       15 ms         Duty cycle       100 %         Max. positive test pulse 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       Compressed air in accordance with 1508573-1:2010 [7:4:4]         Note on operating and pilot medium       Compressed air in accordance with 1508573-1:2010 [7:4:4] <td></td>   |             |
| Design structure         Piston slide           Type of reset         mechanical spring           Authorisation         RCM Mark           c CSA us (OL)         c UL us - Recognized (OL)           Protection class         IPA0           iP65         with plug socket           Nominal size         5.7 mm           Exhaust-air function         throttleable           Sealing principle         soft           Assembly position         Any           Manual override         detenting           Ploted         Covered           Type of piloting         Piloted           Pilot ar supply         external           Overlap         Positive overlap           Pilot pressure         2 8 bar           Switching time off         22 ms           Switching time off         200 µs           Characteristic coil data         24 V DC: 1 W           Permissible voltage fluctuation         4/-10 %           Operating medium         Compressed air in accordance with ISO8573-1:2010 [7:4:4]           Note on operating and pilot medium         Compressed air in accordance with ISO8573-1:2010 [7:4:4]           Note on operating and pilot medium         Compressed air in accordance with ISO8573-1:2010 [7:4:4]           Note on   |             |
| Type of reset         mechanical spring           Authorisation         CSA us (QL)           c CSA us (QL)         c UL us - Recognized (OL)           Protection class         IPA0           IPA0         IPA0           Sealing principle         5.7 mm           Exhaust-air function         throttleable           Sealing principle         soft           Assembly position         Any           Manual override         Question           Pushing         Covered           Type of piloting         Piloted           Pilot air supply         external           Overlap         Positive overlap           Pilot pressure         2. & B bar           Switching time off         22 ms           Switching time on         15 ms           Duty cycle         24 VDC: 1 W           Max. regative test pulse with logic 0         700 µs           Max. negative test pulse with logic 1         900 µs           Characteristic coil data         24 VDC: 1 W-current phase 0.3 W, high-current phase 1.0 W           Permissible voltage fluctuation         4/ 10 %           Operating medium         Compressed air in accordance with IS08573-1:2010 [7:4:4]           Note on operating and pilot medium         Ubricated operat   |             |
| Authorisation       RCM Mark         c CSA us (OL)       c UL us - Recognized (OL)         Protection class       IP40         with plug socket       with plug socket         Nominal size       5.7 mm         Exhaust-air function       throttleable         Sealing principle       soft         Assembly position       Any         Manual override       detenting         Pushing       Covered         Type of piloting       Piloted         Pilot air supply       external         Overlap       Positive overlap         Pilot pressure       2 8 bar         Switching time off       32 ms         Switching time off       22 ms         Switching time off       20 0 µs         Characteristic coil data       24 V DC: 1W         Axteristic coil data       24 V DC: 1W         Querating medium       Compressed air in accordance with ISO8573-1:2010 [7:4:4]         Note on operating and pilot medium       Ubricated operation possible (subsequently required for furt operation)         Vibration resistance       Transport application test at severity level 2 in accordance with 9/2017-4 and Et McO86-2-6         Restriction ambient and medium temperature       5-5 or °C         Without holding current reductio   |             |
| c CSA us (OL)<br>c UL us - Recognized (OL)<br>Protection class IP40<br>IP65<br>with plug socket<br>Nominal size 5.7 mm<br>Exhaust-air function throttleable<br>Sealing principle soft<br>Assembly position Any<br>Manual override detenting<br>Pushing<br>Covered Public<br>Type of piloting Piloted<br>Pilot af supply external<br>Overlap Positive everlap<br>Pilot pressure 2 8 bar<br>Switching time off 22 ms<br>Switching time off 22 ms<br>Switching time off 15 ms<br>Duty cycle 100 %<br>Max. positive test pulse with logic 1 900 µs<br>Characteristic coil data 24 V DC: 1 W<br>Characteristic coil data 24 V DC: 1 W<br>Permissible voltage fluctuation 4/- 10 %<br>Operating and pilot medium<br>Coveration 15 ms conducted with ISO8573-1:2010[7:4:4]<br>Note on operating and pilot medium<br>Coveration 15 mas conducted with ISO8573-1:2010[7:4:4]<br>Note on operating and pilot medium<br>Coveration 15 ms<br>Duty cycle 7 and Exord and the conducted with ISO8573-1:2010[7:4:4]<br>Note on operating and pilot medium<br>Compressed air na cordance with ISO8573-1:2010[7:4:4]<br>Note on operating and pilot medium<br>Compressed air na cordance with ISO8573-1:2010[7:4:4]<br>Note on operating and pilot medium<br>Compressed air na cordance with ISO8573-1:2010[7:4:4]<br>Note on operating and pilot medium<br>Compressed air na cordance with ISO8573-1:2010[7:4:4]<br>Note on operating and pilot medium<br>Compressed air na cordance with ISO8573-1:2010[7:4:4]<br>Note on operating and pilot medium<br>Compressed air na cordance with ISO8573-1:2010[7:4:4]<br>Note on operating and pilot medium<br>Compressed air na cordance with ISO8573-1:2010[7:4:4]<br>Note on operating and pilot medium<br>Compressed air na cordance with ISO8573-1:2010[7:4:4]<br>Note on operating and pilot medium<br>Compressed air na cordance with ISO8573-1:2010[7:4:4]<br>Note on operating and pilot medium<br>Compressed air na cordance with ISO8573-1:2010[7:4:4]<br>Note on operating and pilot medium<br>Compressed air na cordance with ISO8573-1:2010[7:4:4]<br>Note on operating and pilot medium<br>Compressed air na cordance with ISO8573-1:2010[7:4:4]<br>Note on operating and pilot medium temperature<br>Sof C |             |
| c UL us - Recognized (OL)           Protection class         IP40<br>IP65<br>with plug socket           Nominal size         5.7 mm           Exhaust-air function         throttleable           Sealing principle         soft           Assembly position         Any           Manual override         detenting<br>Pushing           Covered         Pushing           Covered         Positive overlap           Pilot aff supply         external           Overlap         Positive overlap           Pilot pressure         2s Bar           Switching time off         32 ms           Switching time on         15 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           Vactor operating and pilot medium         Lubricated operation possible (subsequently required for furt 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         5- 5 0° C           Shock resistance         Shock resistance corosion stress   |             |
| Protection class       IP40<br>IP65<br>with plug socket         Nominal size       5.7 mm         Exhaust-air function       throttleable         Sealing principle       soft         Assembly position       Any         Manual override       detenting<br>Pushing<br>Covered         Type of piloting       Piloted         Pilot air supply       external         Overlap       Positive overlap         Pilot pressure       2 8 bar         Switching time off       22 ms         Switching time on       15 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 on operating and pilot medium       Cubrersed air in accordance with ISO8573-1:2010 [7:4:4]         Note on operating and pilot medium       Lubrication test at severity level 2 in accordance with 942017 and EN 60068-2-6         Restriction ambient and medium temperature       5- 50 °C         Without holding current reduction       Shock test with severity level 2 in accordance with FN 942017         Gotose -2-27       Corrosion resistance classification CRC       2 - Moderate corrosion stress   |             |
| IP65<br>with plug socketNominal size5.7 mmExhaust-air functionthrottleableSealing principlesoftAssembly positionAnyManual overridePushing<br>CoveredType of pilotingPilotedPilot air supplyexternalOverlapPositive overlapPilot pressure2 8 barSwitching time off22 msSwitching time off20 %Duty cycle100 %Max. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 WQuerating medium4/- 10 %Operating medium-/- 10 %Operating medium-/- 10 %Operating and pilot medium-/- 10 %Striction resistance  |             |
| with plug socketNomial size5.7 mmExhaust-air functionthrottleableSealing principlesoftAssembly positionAnyManual overridedetentingPushingCoveredType of pilotingPilotedPilot air supplyexternalOverlapPositive overlapPilot pressure2 8 barSwitching time on15 msDuty cycle100 %Max. positive test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 W<br>24 V DC: 1 W <br< td=""><td></td></br<>   |             |
| Nominal size5.7 mmExhaust-air functionthrottleableSealing principlesoftAssembly positionAnyManual overridedetentingPushingCoveredType of pilotingPilotedPilot air supplyexternalOverlapPositive overlapPilot pressure2 8 barSwitching time off22 msSwitching time on15 msDuty cycle100 %Max. negative test pulse with logic 0700 μsMax. negative test pulse with logic 1900 μsCharacteristic coil data24 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 furt operation)Vibration resistance-5 - 50 °CWithout holding current reductionShock test with severity level 2 in accordance with FN 942017Shock resistanceShock test with severity level 2 in accordance with FN 942017Corrosion resistance2 - 30°CCorrosion resistance classification CRC2 - Moderate corrosion stress   |             |
| Exhaust-air functionthrottleableSealing principlesoftAssembly positionAnyManual overridedetentingPushingPushingCoveredPushingType of pilotingPilotedPilot air supplyexternalOverlapPositive overlapPilot pressure2 8 barSwitching time off22 msSwitching time on15 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: 10w-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 mediumLubricated operation possible (subsequently required for furt operation)Vibration resistance-5 - 50 °CShock resistanceShock test with severity level 2 in accordance with FN 942017Gorosion resistance classification CRC2 - Moderate corrosion stress  |             |
| Sealing principle         soft           Assembly position         Any           Manual override         detenting<br>Pushing<br>Covered           Type of piloting         Piloted           Pilot air supply         external           Overlap         Positive overlap           Pilot pressure         28 bar           Switching time off         22 ms           Switching time on         15 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           Querting medium         Compressed air in accordance with ISO8573-1:2010 [7:4:4]           Note on operating and pilot medium         Lubricated operation possible (subsequently required for furt operation)           Vibration resistance         54 - 50 °C           Restriction ambient and medium temperature         -5 - 50 °C           Without holding current reduction         Shock resistance           Shock resistance         Shock test with severity level 2 in accordance with FN 942017           Corrosion resistance classification CRC         2 - Moderate corrosion stress   |             |
| Assembly positionAnyManual overridedetenting<br>Pushing<br>CoveredType of pilotingPilotedPilot air supplyexternalOverlapPositive overlapPilot pressure2 8 barSwitching time off22 msSwitching time on15 msDuty cycle100 %Max. positive test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 WQuerating mediumCompressed air in accordance with IS08573-1:2010 [7:4:4]Note on operating and pilot mediumUbration possible (subsequently required for fut<br>operation)Vibration resistanceTransport application test at severity level 2 in accordance with<br>942017-4 and EN 60068-2-6Shock test with severity level 2 in accordance with FN 942017<br>60068-2-27Shock test with severity level 2 in accordance with FN 942017<br>60068-2-27   |             |
| Manual override       detenting         Pushing       Covered         Type of piloting       Pilot air supply         Overlap       Positive overlap         Pilot pressure       2 8 bar         Switching time off       22 ms         Switching time on       15 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         Qveraing medium       Compressed air in accordance with IS08573-1:2010 [7:4:4]         Note on operating and pilot medium       Lubricated operation possible (subsequently required for furt operation)         Vibration resistance       Transport application test at severity level 2 in accordance with 942017-4 and EN 60068-2-6         Restriction ambient and medium temperature       -5 o ° C         Shock resistance       Shock test with severity level 2 in accordance with FN 942017         Go068-2-27       Corrosion resistance classification CRC       2 - Moderate corrosion stress   |             |
| Pushing<br>CoveredType of pilotingPilotedPilot air supplyexternalOverlapPositive overlapPilot pressure28 barSwitching time off22 msSwitching time on15 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 mediumCompersed air in accordance with ISO8573-1:2010[7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for furt<br>operation)Vibration resistance7-5 0 °C<br>Without holding current reductionShock resistanceShock resistanceCorrosion resistance classification CRC2 - Moderate corrosion stress   |             |
| CoveredType of pilotingPilotedPilot air supplyexternalOverlapPositive overlapPilot pressure2 8 barSwitching time off22 msSwitching time on15 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 furt operation)Vibration resistance75 0° CShock resistanceShock test with severity level 2 in accordance with FN 942017 60068-2-6Restriction ambient and medium temperature5 0° CShock resistanceShock test with severity level 2 in accordance with FN 942017 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stress   |             |
| Type of pilotingPilotedPilot air supplyexternalOverlapPositive overlapPilot pressure2 8 barSwitching time off22 msSwitching time on15 msDuty cycle100 %Max. negative test pulse with logic 0700 µsMax. negative test pulse with logic 1900 µsCharacteristic coil data24 V DC: 1 WQuerning medium2/ V DC: 1 WOperating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for furtioperation)Vibration resistanceTransport application test at severity level 2 in accordance with 942017-4 and EN 60068-2-6Restriction ambient and medium temperatureShock test with severity level 2 in accordance with FN 942017-60068-2-27Corrosion resistance classification CRC2 · Moderate corrosion stress   |             |
| Pilot air supplyexternalOverlapPositive overlapPilot pressure2 8 barSwitching time off22 msSwitching time on15 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 furt operation)Vibration resistanceTransport application test at severity level 2 in accordance with 942017-4 and EN 60068-2-6Restriction ambient and medium temperature-5-0 °CShock resistanceShock test with severity level 2 in accordance with FN 942017-60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stress   |             |
| OverlapPositive overlapPilot pressure2 8 barSwitching time off22 msSwitching time on15 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 IS08573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for furt operation)Vibration resistanceTransport application test at severity level 2 in accordance with 942017-4 and EN 60068-2-6Restriction ambient and medium temperature5- 50 °CShock resistanceShock test with severity level 2 in accordance with FN 942017<br>60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stress   |             |
| Pilot pressure2 8 barSwitching time off22 msSwitching time on15 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: 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 furt<br>operation)Vibration resistanceTransport application test at severity level 2 in accordance with<br>942017-4 and EN 60068-2-6Restriction ambient and medium temperature-5 - 50 °C<br>Without holding current reductionShock resistanceShock test with severity level 2 in accordance with FN 942017<br>60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stress   |             |
| Switching time off22 msSwitching time on15 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 furt<br>operation)Vibration resistanceTransport application test at severity level 2 in accordance with<br>942017-4 and EN 60068-2-6Restriction ambient and medium temperature-5 - 50 °C<br>Without holding current reductionShock resistanceShock test with severity level 2 in accordance with FN 942017<br>60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stress  |             |
| Switching time on15 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 furt<br>operation)Vibration resistanceTransport application test at severity level 2 in accordance with<br>942017-4 and EN 60068-2-6Restriction ambient and medium temperature-5 - 50 °C<br>Without holding current reductionShock resistanceShock test with severity level 2 in accordance with FN 942017<br>60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stress   |             |
| 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 furt<br>operation)Vibration resistanceTransport application test at severity level 2 in accordance with<br>942017-4 and EN 60068-2-6Restriction ambient and medium temperature-5 - 50 °C<br>Without holding current reductionShock resistanceShock test with severity level 2 in accordance with FN 942017<br>60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stress   |             |
| 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 furt<br>operation)Vibration resistanceTransport application test at severity level 2 in accordance with<br>942017-4 and EN 60068-2-6Restriction ambient and medium temperature-5 - 50 °C<br>Without holding current reductionShock resistanceShock test with severity level 2 in accordance with FN 942017<br>60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stress  |             |
| Max. negative test pulse with logic 1900 μsCharacteristic coil data24 V DC: 1 W<br>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 furtl operation)Vibration resistanceTransport application test at severity level 2 in accordance with 942017-4 and EN 60068-2-6Restriction ambient and medium temperature-5 - 50 °C<br>Without holding current reductionShock resistanceShock test with severity level 2 in accordance with FN 942017<br>60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stress  |             |
| Characteristic coil data24 V DC: 1 W<br>24 V DC: low-current phase 0.3 W, high-current phase 1.0 W<br>Permissible voltage fluctuationPermissible 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 furt<br>operation)Vibration resistanceTransport application test at severity level 2 in accordance with<br>942017-4 and EN 60068-2-6Restriction ambient and medium temperature-5 - 50 °C<br>Without holding current reductionShock resistanceShock test with severity level 2 in accordance with FN 942017<br>60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stress   |             |
| 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 furth operation)Vibration resistanceTransport application test at severity level 2 in accordance with 942017-4 and EN 60068-2-6Restriction ambient and medium temperature-5 - 50 °CShock resistanceShock test with severity level 2 in accordance with FN 942017<br>60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stress  |             |
| 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 furth operation)         Vibration resistance       Transport application test at severity level 2 in accordance with 942017-4 and EN 60068-2-6         Restriction ambient and medium temperature       -5 - 50 °C         Shock resistance       Shock test with severity level 2 in accordance with FN 942017 60068-2-27         Corrosion resistance classification CRC       2 - Moderate corrosion stress  |             |
| 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 furth operation)         Vibration resistance       Transport application test at severity level 2 in accordance with 942017-4 and EN 60068-2-6         Restriction ambient and medium temperature       -5 - 50 °C         Shock resistance       Shock test with severity level 2 in accordance with FN 942017 60068-2-7         Corrosion resistance classification CRC       2 - Moderate corrosion stress  | N           |
| Note on operating and pilot medium       Lubricated operation possible (subsequently required for furth operation)         Vibration resistance       Transport application test at severity level 2 in accordance with 942017-4 and EN 60068-2-6         Restriction ambient and medium temperature       -5 - 50 °C         Shock resistance       Shock test with severity level 2 in accordance with FN 942017 60068-2-7         Corrosion resistance classification CRC       2 - Moderate corrosion stress  |             |
| operation)         Vibration resistance         Transport application test at severity level 2 in accordance with 942017-4 and EN 60068-2-6         Restriction ambient and medium temperature         -5 - 50 °C         Without holding current reduction         Shock resistance         Shock test with severity level 2 in accordance with FN 942017 60068-2-27         Corrosion resistance classification CRC         2 - Moderate corrosion stress   | J           |
| 942017-4 and EN 60068-2-6         Restriction ambient and medium temperature       -5 - 50 °C         Without holding current reduction         Shock resistance       Shock test with severity level 2 in accordance with FN 942017 60068-2-27         Corrosion resistance classification CRC       2 - Moderate corrosion stress   | urther      |
| Without holding current reduction         Shock resistance       Shock test with severity level 2 in accordance with FN 942017         60068-2-27       Corrosion resistance classification CRC         2 - Moderate corrosion stress   | with FN     |
| Shock resistance       Shock test with severity level 2 in accordance with FN 942017         60068-2-27       Corrosion resistance classification CRC         2 - Moderate corrosion stress   |             |
| Corrosion resistance classification CRC 2 - Moderate corrosion stress   | 17-5 and EN |
|   |             |
|   |             |
| Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]   | 1           |





## FESTO

| Feature               | Value                           |
|-----------------------|---------------------------------|
| Ambient temperature   | -5 60 °C                        |
| Product weight        | 164 g                           |
| Electrical connection | Via electrical connection plate |
| Mounting type         | on manifold rail                |
| Materials note        | Conforms to RoHS                |
| Material seals        | HNBR                            |
|                       | NBR                             |
| Material housing      | Wrought Aluminium alloy         |