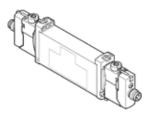
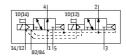
## solenoid valve VUVG-B14-T32U-AZT-F-1R8L Part number: 574243







## **Data sheet**

Valve function   2x3/2 open, monostable	Feature	Value
Valve size         14 mm           Standard nominal flow rate         510 \$80 l/min           Operating pressure         0.15 1 NPa           Operating pressure         15 10 bar           Design structure         Piston slide           Type of reset         Air spring           Authorisation         RCM Mark           cull us - Recognized (01)           Protection class         IP65           Nominal size         4.6 mm           Schaust-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         15 0.8 MPa           Suitability for vacuum         No           Switching time on         9 ms           Suitability for vacuum         No           Max. positive test pulse with logic 1	Valve function	2x3/2 open, monostable
Standard nominal flow rate Operating pressure MPa Operating pressure 1.5 10 bar Design structure Piston slide Type of reset Authorisation RCM Mark Cul us - Recognized (OL) Protection class IP65 With plug socket Nominal size 4.6 mm Ebhaust-air function Sealing principle Assembly position Any Manual override Assembly position Apy Direction are size and a size	Type of actuation	electrical
Operating pressure MPa         1.5 1 MPa           Operating pressure         Piston slide           Type of reset         Air spring           Authorisation         RCM Mark           CUL us - Recognized (OL)           Protection class         IP65           Nominal size         4.6 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 MPa         0.15 0.8 MPa           Pilot pressure MPa         1.5 8 bar           Suitability for vacuum         No           Switching time off         25 ms           Switching time off         25 ms           Switching time of         9 ms           Duty cycle         100 %           Max. positive test pulse with logic 1         900 µs           Max. negative test pulse with logic 2         700 µs           Max. negative test pulse with logic 3         700 µs           Max. negative	Valve size	14 mm
Operating pressure         1.5 10 bar           Design structure         Piston slide           Type of reset         Air spring           Authorisation         RCM Mark           c UL us - Recognized (OU)           Protection class         IP65           Nominal size         4.6 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 MPa         0.15 0.8 MPa           Pilot pressure MPa         0.15 0.8 MPa           Pilot pressure         1.5 8 bar           Suitability for vacuum         No           Switching time of         25 ms           Switching time of         25 ms           Switching time on         9 ms           Duty cycle         100%           Max. positive test pulse with logic 1         900 us           Characteristic coil data         1 may	Standard nominal flow rate	510 580 l/min
Design structure Type of reset Air spring Authorisation RCM Mark c UL us - Recognized (OL) Protection class Potential size Nominal size Air function Nominal size Air function Sealing principle Sealing principle Sealing principle Assembly position Any Manual override detenting Pushing Covered Type of piloting Pilot air supply Robert Surper Pilot air supply Overlap Positive overlap Pilot pressure MPa Pilot pressure MPa Pilot pressure 1.5 8 bar Suitability for vacuum No Switching time off Switching time off Switching time off Max. positive test pulse with logic 0 Max. positive test pulse with logic 1 Robert Surper S	Operating pressure MPa	0.15 1 MPa
Type of piloting Pilot air supply Positive overlap Pilot pressure Pilot pressure Suitability for vacuum Suitabilit	Operating pressure	1.5 10 bar
Authorisation RCM Mark c UL us - Recognized (OL) Protection class IP65 with plug socket  Nominal size 4.6 mm  Exhaust-air function throttleable Sealing principle soft Any Manual override detenting Pushing Covered  Type of piloting Piloted Pilot air supply external Pilot pressure MPa Duty cycle 15 8 bar Switching time of 25 ms Switching time of 9 ms Duty cycle 100 % Max. negative sets pulse with logic 0 700 µs Max. negative sets pulse with logic 1 900 µs Max. negative sets pulse with logic 1 900 µs Max. negative sets pulse with logic 1 900 µs Characteristic coil data 24 VDC: 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 temperature Without holding current reduction possible (subsequently required for further operation) Vibration resistance Shock resistance Shock resistance Shock sets with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC 2 - Moderate corrosion stress PMS conformity Medium temperature 5 - 5.0 °C Compressed air in accordance with ISO8573-1:2010 [7-4:4] Filot medium temperature 5 - 6.0 °C Compressed air in accordance with ISO8573-1:2010 [7-4:4] Filot medium temperature 5 60 °C Compressed air in accordance with ISO8573-1:2010 [7-4:4] Filot medium temperature 5 60 °C Compressed air in accordance with ISO8573-1:2010 [7-4:4] Filot medium temperature 5 60 °C Compressed air in accordance with ISO8573-1:2010 [7-4:4] Filot medium temperature 5 60 °C Filot medium temperature 6 60 °C Filot medi	Design structure	Piston slide
Authorisation CIL us - Recognized (OL) Protection class IP65 with plug socket  Nominal size 4.6 mm  Exhaust-air function throttleable Sealing principle soft Any Manual override detenting Pushing Covered  Type of piloting Piloted Pilot air supply external Pilot pressure MPa Pilot	Type of reset	Air spring
Protection class    P65   with plug socket	Authorisation	RCM Mark
With plug socket       Nominal size     4.6 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 MPa     0.15 0.8 MPa       Pilot pressure     1.5 8 bar       Suitability for vacuum     No       Switching time off     25 ms       Switching time off     25 ms       Switching time of     9 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     4/ 10 %       Operating medium     Compressed air in accordance with ISO8573-1:2010 [7:4:4]       Not 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       Restriction ambient and medium temperature     Without holding current reduction -5 -50 °C       Shock kest with severity level 2 in accordance with FN 942017-5 and EN 60068-2-2		c UL us - Recognized (OL)
Nominal size         4.6 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 MPa         0.15 0.8 MPa           Pilot pressure MPa         0.15 0.8 MPa           Pilot pressure of the properties	Protection class	
Nominal size         4.6 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 MPa         0.15 0.8 MPa           Pilot pressure MPa         0.15 0.8 MPa           Pilot pressure of the properties		with plug socket
Sealing principle     soft       Assembly position     Any       Manual override     detenting Pushing Covered       Type of piloting     Piloted       Pilot air supply     external       Overlap     Positive overlap       Pilot pressure MPa     0.15 0.8 MPa       Pilot pressure MPa     1.5 8 bar       Suitability for vacuum     No       Switching time off     25 ms       Switching time off     25 ms       Switching time of     9ms       Max. positive test pulse with logic 0     700 µs       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     4/-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 60068-2.7       Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2.7     Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2.7       Corrosion resistance classification CRC     2 - Moderate corrosion stress       PWIS conformity     VDMA24364-81/82-L	Nominal size	
Assembly position  Manual override  Metenting Pushing Covered  Piloted  Piloted  Piloted  Piloted  Piloted  Positive overlap  Positive overlap  Positive overlap  Positive overlap  Positive overlap  Pilot pressure MPa  1.5 8 MPa  Pilot pressure  1.5 8 bar  Suitability for vacuum  No  Switching time off  25 ms  Switching time off  25 ms  Switching time on  9 ms  Duty cycle  100 %  Max. positive test pulse with logic 0  Max. positive test pulse with logic 1  900 µs  Characteristic coil data  24 V DC: 1 W  Permissible voltage fluctuation  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  Restriction ambient and medium temperature  Without holding current reduction -5 - 50 °C  Shock resistance  Corrosion resistance classification CRC  2 - Moderate corrosion stress  PWIS conformity  WomA24364-81/82-L  Medium temperature  1-5 60 °C  Pilot medium edium etit in accordance with ISO8573-1:2010 [7:4:4]  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Compressed air in accordance with FN 942017-5 and EN 60068-2-7  Corrosion resistance classification CRC  2 - Moderate corrosion stress  PWIS conformity  VomA24364-81/82-L  Medium temperature  5 60 °C  Pilot medium temperature  Compressed air in accordance with ISO8573-1:2010 [7:4:4]	Exhaust-air function	throttleable
Assembly position  Manual override  Metenting Pushing Covered  Piloted  Piloted  Piloted  Piloted  Piloted  Positive overlap  Positive overlap  Positive overlap  Positive overlap  Positive overlap  Pilot pressure MPa  1.5 8 MPa  Pilot pressure  1.5 8 bar  Suitability for vacuum  No  Switching time off  25 ms  Switching time off  25 ms  Switching time on  9 ms  Duty cycle  100 %  Max. positive test pulse with logic 0  Max. positive test pulse with logic 1  900 µs  Characteristic coil data  24 V DC: 1 W  Permissible voltage fluctuation  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  Restriction ambient and medium temperature  Without holding current reduction -5 - 50 °C  Shock resistance  Corrosion resistance classification CRC  2 - Moderate corrosion stress  PWIS conformity  WomA24364-81/82-L  Medium temperature  1-5 60 °C  Pilot medium edium etit in accordance with ISO8573-1:2010 [7:4:4]  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Compressed air in accordance with FN 942017-5 and EN 60068-2-7  Corrosion resistance classification CRC  2 - Moderate corrosion stress  PWIS conformity  VomA24364-81/82-L  Medium temperature  5 60 °C  Pilot medium temperature  Compressed air in accordance with ISO8573-1:2010 [7:4:4]	Sealing principle	soft
Manual override Pushing Covered  Type of piloting Piloted Piloted  Piloted Piloted Positive overlap  Pilot pressure MPa O.15 0.8 MPa  Pilot pressure MPa 1.5 8 bar  Suitability for vacuum No Switching time off 25 ms  Switching time off 25 ms  Switching time on 9 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 Comperating and pilot medium emperature Transport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-6  Restriction ambient and medium temperature Withus end or Compressed air in accordance with FN 942017-5 and EN 60068-2-7  Corrosion resistance classification CRC 2 - Moderate corrosion stress  PWIS conformity WDMA24364-81/182-1  Medium temperature 15 60 °C  Pilot medium temperature with ISO8573-1:2010 [7:4:4]  Power of the corrosion stress of the corrosion stress of the corrosion stress of the medium temperature 15 60 °C  Pilot medium temperature 15 60 °C		Any
Covered         Type of piloting       Piloted         Pilot air supply       external         Overlap       Positive overlap         Pilot pressure MPa       0.15 0.8 MPa         Pilot pressure       1.5 8 bar         Suitability for vacuum       No         Switching time off       25 ms         Switching time on       9 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       4/- 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 942017-5 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 60068-2-27         Corrosion resistance classification CRC       2 - Moderate corrosion stress         PWIS conformity       VDMA20364-81/B2-L <td< td=""><td></td><td>detenting</td></td<>		detenting
Covered         Type of piloting       Piloted         Pilot air supply       external         Overlap       Positive overlap         Pilot pressure MPa       0.15 0.8 MPa         Pilot pressure       1.5 8 bar         Suitability for vacuum       No         Switching time off       25 ms         Switching time on       9 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       4/- 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 942017-5 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 60068-2-27         Corrosion resistance classification CRC       2 - Moderate corrosion stress         PWIS conformity       VDMA20364-81/B2-L <td< td=""><td></td><td> </td></td<>		
Type of piloting Pilotar supply external Overlap Positive overlap Pilot pressure MPa 0.15 0.8 MPa Pilot pressure MPa 1.5 8 bar Suitability for vacuum No Switching time off 25 ms Switching time off 9 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 4/ 10 % Operating medium Comperating and pilot medium emperature Without holding current reduction persistance Shock resistance Shock resistance Shock resistance Cassification CRC 2 · Moderate corrosion stress PWIS conformity Moderate function (7 ms) with sologic 7 · 5 · 60 °C Pilot medium temperature 1,5 · 60 °C Pompressed air in accordance with ISO8573-1:2010 [7:4:4] Permissible voltage fluctuation 4/ 10 % Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium with properation possible (subsequently required for further operation) Vibration resistance 4 severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 Shock resistance 4 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 Wedium temperature 5 · 60 °C Pilot medium temperature in accordance with ISO8573-1:2010 [7:4:4]		
Pilot air supply       external         Overlap       Positive overlap         Pilot pressure MPa       0.15 0.8 MPa         Pilot pressure       1.5 8 bar         Suitability for vacuum       No         Switching time off       25 ms         Switching time on       9 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 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       With holding current reduction - 5 - 50 °C         Shock resistance classification CRC       2 - Moderate corrosion stress         PWIS conformity       VDMA24364-B1/B2-L         Medium temperature       -5 60 °C         Pilot medium       Compressed air in accordance with ISO8573-1:2010 [7:4:4]	Type of piloting	
Overlap       Positive overlap         Pilot pressure MPa       0.15 0.8 MPa         Pilot pressure MPa       1.5 8 bar         Suitability for vacuum       No         Switching time off       25 ms         Switching time on       9 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       4/- 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         Corrosion resistance classification CRC       2 - Moderate corrosion stress         PWIS conformity       VDMA24364-B1/B2-L         Medium temperature       -5 60°C         Pilot medium       Compressed air in accordance with ISO8573-1:2010 [7:4:4]		external
Pilot pressure MPa       0.15 0.8 MPa         Pilot pressure       1.5 8 bar         Suitability for vacuum       No         Switching time off       25 ms         Switching time on       9 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       4/- 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         Corrosion resistance classification CRC       2 - Moderate corrosion stress         PWIS conformity       VDMA24364-B1/B2-L         Medium temperature       -5 60 °C         Pilot medium       Compressed air in accordance with ISO8573-1:2010 [7:4:4]		
Pilot pressure1.5 8 barSuitability for vacuumNoSwitching time off25 msSwitching time on9 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 °CPilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]		'
Suitability for vacuum       No         Switching time off       25 ms         Switching time on       9 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 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         Corrosion resistance classification CRC       2 - Moderate corrosion stress         PWIS conformity       VDMA24364-B1/B2-L         Medium temperature       -5 60 °C         Pilot medium       Compressed air in accordance with ISO8573-1:2010 [7:4:4]	·	
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Switching time on 9 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 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 Corrosion resistance classification CRC 2 - Moderate corrosion stress  PWIS conformity VDMA24364-B1/B2-L  Medium temperature -5 60 °C  Pilot medium COMPRESS - 2000 PM		
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 °CPilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]		
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 °CPilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]		
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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  Corrosion resistance classification CRC 2 - Moderate corrosion stress  PWIS conformity VDMA24364-B1/B2-L  Medium temperature -5 60 °C  Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]		· ·
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  Corrosion resistance classification CRC 2 - Moderate corrosion stress  PWIS conformity VDMA24364-B1/B2-L  Medium temperature -5 60 °C  Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]		•
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  Corrosion resistance classification CRC 2 - Moderate corrosion stress  PWIS conformity VDMA24364-B1/B2-L Medium temperature -5 60 °C  Pilot 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  Corrosion resistance classification CRC  2 - Moderate corrosion stress  PWIS conformity  VDMA24364-B1/B2-L  Medium temperature  -5 60 °C  Pilot medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]		Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Vibration resistance  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  Pilot medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]		Lubricated operation possible (subsequently required for further
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  Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]	Vibration resistance	Transport application test at severity level 2 in accordance with FN
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  Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]	Restriction ambient and medium temperature	Without holding current reduction
Corrosion resistance classification CRC  2 - Moderate corrosion stress  PWIS conformity  VDMA24364-B1/B2-L  Medium temperature  -5 60 °C  Pilot medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]	Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN
PWIS conformityVDMA24364-B1/B2-LMedium temperature-5 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]	Corrosion resistance classification CRC	2 - Moderate corrosion stress
Medium temperature-5 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]		
Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]	-	•
	· · · · · · · · · · · · · · · · · · ·	
	Ambient temperature	-5 60 °C



Feature	Value
Product weight	89 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