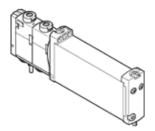
## solenoid valve VUVG-B14Z-M32U-AZT-F-1T1L-EX2C Part number: 8041971





## 20 (14) 20(14) 84 2

## **Data sheet**

Type of actuation	Feature	Value
Type of actuation   electrical	Valve function	3/2 open, monostable
Standard nominal flow rate  Operating pressure MPa  Operating pressure  Operating pressure  Operating pressure  Operating pressure  Piston slide  Air spring  Authorisation  C UL us - Recognized (OL)  Protection class  IP65  Exhaust-air function  throttleable  Sealing principle  Sost  Assembly position  Any  Manual override  Plotting  Plotted  Plotting  Plotted  Plotting  Plotted  Plott air supply  external  Overlap  Positive overlap  Signal status display  IED  Pliot pressure MPa  Air spring  Max. switching frequency  3 Hz  Switching time on  Duty cycle  100 %  Max. positive test pulse with logic 1  Amax. positive test pulse with logic 1  Operating medium  Note on operating and pilot medium  Uuricated operation possible (subsequently required for further operation)  Positive one perating and pilot medium  Uuricated operation possible (subsequently required for further operation)  Operating medium  Note on operating and pilot medium  Uuricated operation need search and Exp. Spring  Pulot medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Corrosion resistance  Shock test with severity level 2 in accordance with FN 942017-5 and EN 6008-2-27  Corrosion resistance  Shock test with severity level 2 in accordance with FN 942017-5 and EN 6008-2-27  Corrosion resistance  Shock test with severity level 2 in accordance with FN 942017-5 and EN 6008-2-6  Corrosion resistance  Shock test with severity level 2 in accordance with FN 942017-5 and EN 6008-2-7  Corrosion resistance  Shock test with severity level 2 in accordance with FN 942017-5 and EN 6008-2-7  Corrosion resistance  Shock test and corrosion stress  VDMA24364-B2-L  Ambient temperature  5 60 °C  Product weight  4 HBR  Material seals  HBRR  NBR	Type of actuation	electrical
Operating pressure MPa Operating pressure Poses and Pose	Valve size	14 mm
Deperating pressure Design structure Piston silde Piston silde Authorisation C. Ul. us - Recognized (OL) Protection class Protection class Pe65 IP67 Exhaust air function throttleable Sealing principle Sealing p	Standard nominal flow rate	320 l/min
Design structure Piston slide Type of reset Air spring Authorisation c U. u. s. Recognized (OU) Protection class IP65 Ethaust air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Type of piloting Piloted Pilot air supply external Overlap Positive overlap Signal status display IED Overlap Pilot pressure MPa O.15 0.8 MPa Pilot pressure MPa O.15 0.8 MPa Pilot pressure MPa O.15 0.8 MPa Ditty cycle on 1 3 ms Switching time oof 1 3 ms Switching time oof 1 3 ms Awax. regative test pulse with logic 0 1,600 µs Awax. negative test pulse with logic 0 1,600 µs Awax. negative test pulse with logic 1 1,000 µs Awax. negative test pulse with logic 0 1,600 µs Awax. negative test pulse with logic 0 1,000 µs Characteristic coil data 22 V D.C 1 W Permissible voltage fluctuation 4,7 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 Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance Lassification CRC 2 -Moderate corrosion stress VolMA2A364-B2-L Wedium temperature 5 60 °C Product weight 9 9 18 Electrical connection via manifold block Mounting type on manifold rail Material seals HNBR NBR	Operating pressure MPa	-0.09 1 MPa
Design structure Piston slide Type of reset Air spring Authorisation c U. u. s. Recognized (OU) Protection class IP65 Ethaust air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Type of piloting Piloted Pilot air supply external Overlap Positive overlap Signal status display IED Overlap Pilot pressure MPa O.15 0.8 MPa Pilot pressure MPa O.15 0.8 MPa Pilot pressure MPa O.15 0.8 MPa Ditty cycle on 1 3 ms Switching time oof 1 3 ms Switching time oof 1 3 ms Awax. regative test pulse with logic 0 1,600 µs Awax. negative test pulse with logic 0 1,600 µs Awax. negative test pulse with logic 1 1,000 µs Awax. negative test pulse with logic 0 1,600 µs Awax. negative test pulse with logic 0 1,000 µs Characteristic coil data 22 V D.C 1 W Permissible voltage fluctuation 4,7 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 Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance Lassification CRC 2 -Moderate corrosion stress VolMA2A364-B2-L Wedium temperature 5 60 °C Product weight 9 9 18 Electrical connection via manifold block Mounting type on manifold rail Material seals HNBR NBR	Operating pressure	-0.9 10 bar
Authorisation   C. UL. us - Recognized (OL) Protection class   IP65   Exhaust-air function   throttleable   Sealing principle   soft   Assembly position   Any   Manual override   detenting   Pushing   Pushing   Pushing   Ploted   Positive overlap   Signal status display   LED   Plot pressure MPa   0.15 0.8 MPa   Plot pressure MPa   0.15 0.8 MPa   Plot pressure MPa   1.5 8 bar   Max. switching frequency   3 Hz   Switching time off   20 ms   Switching time off   20 ms   Switching time on   13 ms   Duty cycle   100 %   Max. positive test pulse with logic 0   1.600 µs   Max. positive test pulse with logic 1   3,000 µs   Characteristic coil data   22 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 FN 942017-5 and EN 60068-2-6   Shock resistance   Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-7   Corrosion resistance classification CRC   2 - Moderate corrosion stress   VDMAZ4364-B-L	Design structure	Piston slide
Protection class IP65 Exhaust-air function throttleable Sealing principle soft Any Manual override detenting Pushing Type of piloting Piloted Pilot air supply external Overlap Positive overlap Signal status display IEB Pilot pressure MPa 0.15 0.8 MPa Pilot pressure MPa 1.5 8 bar Max. switching frequency 3 Hz Switching time on 13 ms Duty cycle 100 % Max. positive test pulse with logic 0 1,600 µs Max. negative test pulse with logic 1 3,000 µs Max. negative test pulse with logic 1 3,000 µs Permissible voltage fluctuation 4 */* 10 % Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Understance Vibration resistance Shock rest with severity level 2 in accordance with FN 942017-5 and EN 60068-2-2 Corrosion resistance Lassification CRC 2 *Moderate corrosion stress Pilot pressure Shock make the several process of the several positive test pulse with ISO8573-1:2010 [7:4:4] Medium temperature 5 * 60 °C Product weight 91 g Electrical connection with ISO8573-1:2010 [7:4:4] Material seals Mareial seals Mareia	Type of reset	Air spring
P67	Authorisation	c UL us - Recognized (OL)
Exhaust air function throttleable soft Sealing principle soft soft Any Sealing principle soft Any Manual override detenting Pushing Ploted Pushing Plioted Plot air supply external Overlap Positive Positive Overlap Positive	Protection class	IP65
Sealing principle Assembly position Any Any Manual override detenting Pushing Type of piloting Pilot air supply external Overlap Signal status display Dilot pressure Max. switching frequency 3 Hz Switching time on Duty cycle 100 % Max. negative test pulse with logic 0 Max. negative test pulse with logic 1 Characteristic coll data 22 V DC: 1 W Permissible voltage fluctuation Operating medium Compressed air in accordance with IS08573-1:2010 [7:4:4] Note on operating and pilot medium Vibration resistance Shock resistance Shock resistance Shock resistance Shock resistance Shock resistance Shock as a manifold block Mediation Max. Defits Shock Mediation Shock Shock resistance Shock r		IP67
Assembly position Manual override detenting Pushing Type of piloting Pilot air supply external Overlap Positive overlap Signal satus display LED Pilot pressure MPa Pilot pressure MPa Pilot pressure 1.5 8 bar Max. switching frequency Switching time off 20 ms Switching time of 13 ms Duty cycle 10.0% Max. negative test pulse with logic 0 Max. negative test pulse with logic 1 Abar activate test pulse with logic 1 Characteristic coil data 22 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 operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 PWIS conformity WoMA24364-B2-L Medium temperature 5 60 °C PWIS conformity Material seals HNBR Material seals HNBR NBR	Exhaust-air function	throttleable
Assembly position Manual override detenting Pushing Type of piloting Pilot air supply external Overlap Positive overlap Signal satus display LED Pilot pressure MPa Pilot pressure MPa Pilot pressure 1.5 8 bar Max. switching frequency Switching time off 20 ms Switching time of 13 ms Duty cycle 10.0% Max. negative test pulse with logic 0 Max. negative test pulse with logic 1 Abar activate test pulse with logic 1 Characteristic coil data 22 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 operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 PWIS conformity WoMA24364-B2-L Medium temperature 5 60 °C PWIS conformity Material seals HNBR Material seals HNBR NBR	Sealing principle	soft
Manual override         detenting Pushing           Type of piloting         Piloted           Pilot air supply         external           Overlap         Positive overlap           Signal status display         LED           Pilot pressure MPa         0.15 0.8 MPa           Pilot pressure         1.5 8 bar           Max. switching frequency         3 Hz           Switching time off         20 ms           Switching time on         13 ms           Duty cycle         100 %           Max. positive test pulse with logic 0         1,600 μs           Max. negative test pulse with logic 1         3,000 μs           Characteristic coil data         22 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 942017-5 and EN 60068-2-27           Corrosion resistance classification CRC         2 · Moderate corrosion stress           VPWIS conformity         VDMA24364-B2-L           Medium temperature         -5 60 °C           Pil		Any
Pushing Piloted Pilot air supply external Overlap Positive overlap Signal status display LED Positive overlap Signal status display LED Pilot pressure MPa O.15 0.8 MPa Pilot pressure 1.5 8 bar Max. switching frequency Switching time off 20 ms Switching time on Duty cycle 100 % Max. positive test pulse with logic 0 Max. positive test pulse with logic 1 Share test pulse with logic 1 Characteristic coil data 22 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 Uibration 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 Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity WDMA24364-B2-L Medium temperature 5 60 °C Product weight 91 g Electrical connection Waterial seals HNBR Material seals HNBR NBR	Manual override	•
Type of piloting Pilot air supply external Overlap Positive overlap Signal status display LED Positive overlap Signal status display LED Pilot pressure MPa 0.15 8 MPa Pilot pressure 1.5 8 bar Max. switching frequency 3 Hz Switching time off 20 ms Switching time on 113 ms Duty cycle 100 % Max. positive test pulse with logic 0 1,600 μs Max. nospitive test pulse with logic 1 3,000 μs Characteristic coil data 22 V DC: 1 W Permissible voltage fluctuation 4/- 10 % Operating medium 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 60068-2-2 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-2 Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity VDMA24364-B2-L Medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 5 60 °C Product weight 91 g Electrical connection Value and in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature - 5 60 °C Product weight 91 g Electrical connection Materials note Material seals HNBR NBR		
Pilot air supply Overlap Positive overlap Positive overlap Pilot pressure MPa O.15 0.8 MPa Pilot pressure MPa O.15 0.8 MPa Pilot pressure 1.5 8 bar Max. switching frequency Switching time off 20 ms Switching time on 13 ms Outy cycle 100 % Max. negative test pulse with logic 0 Max. negative test pulse with logic 1 Characteristic coil data 22 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 Utbricated operation possible (subsequently required for further operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-7 Corrosion resistance classification CRC 2 - Moderate corrosion stress VDMA24364-82-1 Redium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 5 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 91 g Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 91 g Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 91 g Product weight 91 g Electrical connection was amaifold block Mounting type on manifold rail Material seals HNBR Material seals	Type of piloting	
Overlap Signal status display LED ItED Signal status display LED Pilot pressure MPa 1.58 bar Max. switching frequency 3 Hz Switching time off 20 ms Switching time on 13 ms Duty cycle 100 % Max. positive test pulse with logic 0 Max. positive test pulse with logic 1 3,000 µs Characteristic coil data 22 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 Urbiration resistance Transport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-7 Corrosion resistance classification CRC 2 Moderate corrosion stress PWIS conformity WDMA24364-B2-L Medium temperature 5 S 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 5 S 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 9 S 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 9 S 60 °C Product weight Electrical connection via manifold block Mounting type On manifold rail Material seals HNBR NBR		external
LED	Overlap	Positive overlap
Pilot pressure MPa  1.5 8 bar  Max. switching frequency  3 Hz  Switching time of  20 ms  Switching time on  13 ms  Duty cycle  100 %  Max. negative test pulse with logic 0  1,600 µs  Max. negative test pulse with logic 1  3,000 µs  Characteristic coil data  22 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  Uibricated 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  Corrosion resistance classification CRC  2 - Moderate corrosion stress  WDMA24364-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  Pilot medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature  9 1 g  Electrical connection  via manifold rail  Material seals  HNBR  NBR	Signal status display	
Pilot pressure 1.5 8 bar  Max. switching frequency 3 Hz  Switching time off 20 ms  Switching time on 13 ms  Duty cycle 100 %  Max. positive test pulse with logic 0 1,600 µs  As. negative test pulse with logic 1 3,000 µs  Characteristic coil data 22 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 buffaction 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  Corrosion resistance classification CRC 2 - Moderate corrosion stress  PWIS conformity VDMA24364-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 91 g  Electrical connection via manifold block  Mounting type on manifold rail  Materials note Conforms to ROHS  Materials note  Materials note  Materials note  Materials note  Materials note  Materials note  1.5 60 NC  1.600 µs  1.600		0.15 0.8 MPa
Max. switching frequency Switching time off 20 ms Switching time on 13 ms Duty cycle 100 % Max. positive test pulse with logic 0 1,600 μs Max. negative test pulse with logic 1 3,000 μs Characteristic coil data 22 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 Ubbricated operation possible (subsequently required for further operation) Vibration resistance Shock resistance Shock test with severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 Shock resistance Shock act 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-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 91 g Electrical connection Waterials note Materials note Materials note Materials note Materials note Material seals Materials note Material seals		
Switching time off Switching time on 13 ms Duty cycle 100 % Max. positive test pulse with logic 0 1,600 µs Max. negative test pulse with logic 1 3,000 µs Characteristic coil data 22 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 Uubricated 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 Corrosion resistance classification CRC 2 · Moderate corrosion stress PWIS conformity VDMA24364-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 91 g Electrical connection wia manifold rail Materials note Materials note HNBR NBR		
Switching time on 13 ms Duty cycle 100 % Max. positive test pulse with logic 0 1,600 µs Max. negative test pulse with logic 1 3,000 µs Characteristic coil data 22 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 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-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 91 g Electrical connection via manifold block Mounting type on manifold rail Materials note Mounting type (South Compressed air in accordance with ISO8573-1:2010 [7:4:4] HNBR NBR		20 ms
Duty cycle  Max. positive test pulse with logic 0  1,600 µs  Max. negative test pulse with logic 1  3,000 µs  Characteristic coil data  22 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  Uibration 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  Corrosion resistance classification CRC  2 - Moderate corrosion stress  PWIS conformity  Wedium temperature  -5 60 °C  Pilot medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature  -5 60 °C  Product weight  91 g  Electrical connection  Waterials note  Materials note  Materials seals  HNBR  NBR		13 ms
Max. positive test pulse with logic 01,600 μsMax. negative test pulse with logic 13,000 μsCharacteristic coil data22 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 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressPWIS conformityVDMA24364-B2-LMedium temperature-5 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-5 60 °CProduct weight91 gElectrical connectionvia manifold blockMounting typeon manifold railMaterials noteConforms to RoHSMaterial sealsHNBR NBR	Duty cycle	100 %
Max. negative test pulse with logic 1       3,000 μs         Characteristic coil data       22 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         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-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       91 g         Electrical connection       via manifold block         Mounting type       on manifold rail         Materials note       Conforms to RoHS         Material seals       HNBR         NBR		1,600 μs
Characteristic coil data  22 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  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-B2-L  Medium temperature  -5 60 °C  Product medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature  -5 60 °C  Product weight  Electrical connection  via manifold block  Mounting type  on manifold rail  Materials note  Conforms to RoHS  HNBR  NBR		· · · · · · · · · · · · · · · · · · ·
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 Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity VDMA24364-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 91 g Electrical connection Via manifold block Mounting type on manifold rail Materials note Conforms to RoHS MBR	Characteristic coil data	
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 Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity VDMA24364-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 91 g Electrical connection Via manifold block Mounting type on manifold rail Materials note Conforms to RoHS MBR	Permissible voltage fluctuation	+/- 10 %
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  Corrosion resistance classification CRC  2 - Moderate corrosion stress  PWIS conformity  VDMA24364-B2-L  Medium temperature  -5 60 °C  Pilot medium  Compressed air in accordance with IS08573-1:2010 [7:4:4]  Ambient temperature  -5 60 °C  Product weight  91 g  Electrical connection  via manifold block  Mounting type  on manifold rail  Materials note  Conforms to RoHS  HNBR  NBR		Compressed air in accordance with ISO8573-1:2010 [7:4:4]
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  Corrosion resistance classification CRC 2 - Moderate corrosion stress  PWIS conformity VDMA24364-B2-L  Medium temperature -5 60 °C  Pilot medium Compressed air in accordance with IS08573-1:2010 [7:4:4]  Ambient temperature -5 60 °C  Product weight 91 g  Electrical connection via manifold block  Mounting type on manifold rail  Materials note Material seals HNBR NBR	Note on operating and pilot medium	Lubricated operation possible (subsequently required for further
60068-2-27  Corrosion resistance classification CRC  2 · Moderate corrosion stress  PWIS conformity  VDMA24364-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  91 g  Electrical connection  via manifold block  Mounting type  on manifold rail  Materials note  Material seals  HNBR  NBR	Vibration resistance	
PWIS conformity  VDMA24364-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  91 g  Electrical connection  via manifold block  Mounting type  on manifold rail  Materials note  Conforms to RoHS  Material seals  HNBR  NBR	Shock resistance	
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  91 g  Electrical connection  via manifold block  Mounting type  on manifold rail  Materials note  Conforms to RoHS  HNBR  NBR	Corrosion resistance classification CRC	2 - Moderate corrosion stress
Pilot medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature  -5 60 °C  Product weight  91 g  Electrical connection  via manifold block  Mounting type  on manifold rail  Materials note  Conforms to RoHS  HNBR  NBR	PWIS conformity	VDMA24364-B2-L
Ambient temperature  -5 60 °C  Product weight  91 g  Electrical connection  via manifold block  Mounting type  on manifold rail  Materials note  Conforms to RoHS  HNBR  NBR	Medium temperature	-5 60 °C
Product weight 91 g  Electrical connection via manifold block  Mounting type on manifold rail  Materials note Conforms to ROHS  Material seals HNBR  NBR	Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Electrical connection via manifold block  Mounting type on manifold rail  Materials note Conforms to RoHS  Material seals HNBR  NBR	Ambient temperature	-5 60 °C
Electrical connection via manifold block  Mounting type on manifold rail  Materials note Conforms to RoHS  Material seals HNBR  NBR	Product weight	91 g
Mounting type on manifold rail  Materials note Conforms to RoHS  Material seals HNBR  NBR	Electrical connection	
Materials note Conforms to RoHS Material seals HNBR NBR	Mounting type	on manifold rail
NBR	Materials note	
	Material seals	HNBR
	Material housing	Wrought Aluminium alloy