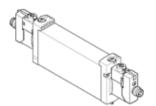
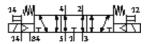
## Solenoid valve **VUVG-B18-P53E-ZT-F-1R8L**Part number: 8031547

**FESTO** 

This type is suitable for vacuum.





## **Data sheet**

Type of actuation    electrical	Feature	Value
Valve size  18 mm  950 l/min  Operating pressure MPa  0.09 1 D bar  Design structure Piston slide Type of reset Mucharization RCM Mark CUL us - Recognized (OL) Protection class IP65 With plug socket Nominal size 6.3 mm  Exhaust air function throttleable Sealing principle Soft Assembly position Any Manual override detenting Pushing Covered Pilot air supply external Lap Pilot air supply external Lap Pilot pressure MPa 0.3 0.8 MPa Pilot pressure MPa 0.3 0.8 MPa Switching time of Switching time of Switching time reversal Duty cycle Max. positive test pulse with logic 0  Max. negative test pulse with logic 1  Characteristic coil data 24 V DC: 1 W  Permissible voltage fluctuation Operating medium Compressare Without noding current reduction - 5 · 50 °C Shock resistance PMC Corrosion resistance Shock sets with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance PMC Soft Corrosion resistance PMC Corrosion resistance Corrosion resistance PMC Soft Corrosion resistance PMC Corrosion resistance PMC Soft Corrosion resistance PMC Corrosion resistance PMC Corrosion resistance PMC Soft Corrosion resistance PMC Corrosion resistance PM	Valve function	5/3 exhausted
Standard nominal flow rate Operating pressure MPa Operating pressure Operating opera	Type of actuation	electrical
Operating pressure MPa Vorking pressure Opesign structure Piston slide Type of reset Authorization Any Any Any Any Any Any Any Any Any An	Valve size	18 mm
Working pressure	Standard nominal flow rate	950 l/min
Design structure Type of reset mechanical spring RCM Mark c UL us - Recognized (OL) Protection class Protection class With plug socket Nominal size 6.3 mm Exhaust-air function Sealing principle Soft Assembly position Manual override detenting Pushing Covered Pushing Covered Pilot air supply external Lap Indefinite overlap Pilot pressure 3 8 bar Switching time off Switching time on 15 ms Switching time reversal Duty cycle 100 % Max. positive test pulse with logic 0 Max. positive test pulse with logic 0 Max. pesative test pulse with logic 1 Operating medium Note on operating and pilot medium Operating and pilot medium Urbration resistance Pilot presistance Shock resistance OCOrrosion resistance classification CRC VDMA24364-B1/B2-L	Operating pressure MPa	-0.09 1 MPa
Type of reset Authorization RCM Mark c UL us - Recognized (OL) Protection class IP65 with plug socket Nominal size 6.3 mm Exhaust-air function throttleable Sealing principle soft Any Manual override Any Manual override Definiting Covered Type of piloting Pilot air supply external Lap Indefinite overlap Pilot pressure MPa Pilot pressure MPa Switching time on Switching time on Switching time reversal Duty cycle 100 % Max. negative test pulse with logic 0 Max. positive test pulse with logic 1 Operating medium Any Bermissible voltage fluctuation Compressed air in accordance with ISO8573-1:2010 [7:4:4] Corrosion resistance Shock resistance Corrosion resistance Corrosion resistance Corrosion resistance Corrosion resistance PMD Compressed air in accordance with FN 942017-5 and EN 60068-2-7 Corrosion resistance Shock resistance Corrosion resistance classification CRC VDMA22364-817/82-1.	Working pressure	-0.9 10 bar
Authorization RCM Mark cut. us - Recognized (OL) Protection class   IP65   with plug socket   Nominal size   6.3 mm   Exhaust-air function   throttleable   Sealing principle   soft   Any   Manual override   detenting   Pushing   Covered   Type of piloting   Piloted   Pilot air supply   external   Lap   Indefinite overlap   Pilot pressure MPa   0.3 0.8 MPa   Pilot pressure MPa   0.3 0.8 MPa   Pilot pressure MPa   48 ms   Switching time off   48 ms   Switching time reversal   29 ms   Switching time reversal   29 ms   Sultry 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 %   Compression   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   Corrosion resistance   Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6   PWIS conformity   VDMA24364-81/82-L	Design structure	Piston slide
Authorization CL us - Recognized (OL)  Protection class   IP65   with plug socket    Nominal size   6.3 mm    Exhaust-air function   throttleable    Sealing principle   soft    Any   detenting    Pushing   Covered    Type of piloting   Piloted    Pilot air supply   external    Lap   Indefinite overlap    Pilot pressure MPa   0.3 0.8 MPa    Pilot pressure MPa   0.3 0.8 MPa    Pilot pressure MPa   48 ms    Switching time off   48 ms    Switching time reversal   29 ms    Suitching time reversal   29 ms    Sultry 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 ISO8573-1:2010 [7:4:4]    Note on operating and pilot medium   Lubricated operation possible (subsequently required for further operation)    Vibration resistance   Transport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-6    Shock 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 classification CRC   2 - Mbderate corrosion stress	Type of reset	mechanical spring
Protection class   IP65   with plug socket   Nominal size   6.3 mm   Exhaust-air function   throttleable   Sealing principle   soft   Assembly position   Arry   Manual override   detenting   Pushing   Covered   Type of piloting   Piloted   Pilot air supply   external   Lap   Indefinite overlap   Pilot pressure MPa   0.3 0.8 MPa   Pilot pressure M9a   0.3 0.8 MPa   Pilot pressure   3 8 bar   Switching time off   48 ms   Switching time off   48 ms   Switching time reversal   29 ms   Duty cycle   100 %   Max. positive test pulse with logic 0   700 µs   Max. negative test pulse with logic 1   900 µs   Max. negative test pulse with logic 1   900 µs   Permissible voltage fluctuation   +/- 10 %   Operating medium   Compressed air in accordance with IS08573-1:2010 [7:4:4]   Note on operating and pilot medium   Lubricated operation possible (subsequently required for further operation) Vibration resistance   Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6   Restriction ambient and medium temperature   Without holding current reduction   5 - 50 °C   Shock resistance   Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-2   PWIS conformity   VDMA24364-B1/B2-L	Authorization	· · · · · · · · · · · · · · · · · · ·
with plug socket  Nominal size Exhaust-air function  Sealing principle Soft Assembly position Any Manual override  Method by Socket  Any Manual override  Method by Socket  Any Manual override  Method by Socket  Any  Manual override  Pushing Covered Pilot de  Piloted  Piloted  Pilot air supply external  Lap Indefinite overlap  Pilot pressure MPa  Jamessure MPa  Pilot pressure Jamessure Jamessur		c UL us - Recognized (OL)
Nominal size  Exhaust-air function  Exhaust-air function  Any  Manual override  Assembly position  Manual override  Any  Manual override  Plot air supply  external  Lap  Indefinite overlap  Pilot pressure  3 8 bar  Switching time off  Switching time off  Switching time reversal  Duty cycle  Max. positive test pulse with logic 0  Max. negative test pulse with logic 1  Characteristic coil data  Permissible voltage fluctuation  Operating medium  Note on operating and pilot medium  Vibration resistance  Shock resistance  Shock resistance  Corrosion resistance   Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27  Corrosion resistance   Corrosion stress  PWIS conformity  VDMA24364-B1/B2-L	Protection class	IP65
Exhaust-air function throttleable soft Assembly position Any Any Any Any Any Any Any Any Any An		with plug socket
Sealing principle Assembly position Any Manual override  Metenting Pushing Covered  Type of piloting Pilot air supply Lap Pilot air supply Lap Indefinite overlap Pilot pressure MPa O.3 0.8 MPa Pilot pressure MPa O.3 0.8 MPa Pilot pressure Switching time off 48 ms Switching time reversal Duty cycle 100 % Max. positive test pulse with logic 0 Max. positive test pulse with logic 1 Characteristic coil data Permissible voltage fluctuation Permissible voltage fluctuation Permissible voltage fluctuation Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Ubricated operation possible (subsequently required for further operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance Conformity VDMA24364-B1/B2-L	Nominal size	6.3 mm
Assembly position  Manual override  Manual override  Metenting Pushing Covered  Type of piloting  Piloted  Piloted  Piloted  Pilot pressure MPa  Pilot pressure MPa  Pilot pressure  3 8 bar  Switching time off  Switching time of  Switching time or  Switching time tweersal  Duty cycle  100 %  Max. positive test pulse with logic 0  Max. positive test pulse with logic 1  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  Ubricated operation possible (subsequently required for further operation)  Vibration resistance  Restriction ambient and medium temperature  Without holding current reduction  5 · 50 °C  Shock resistance  Shock resistance  Corrosion resistance classification CRC  PWIS conformity  VDMA24364-B1/B2-L	Exhaust-air function	throttleable
Assembly position  Manual override  Manual override  Metenting Pushing Covered  Type of piloting  Piloted  Piloted  Piloted  Pilot pressure MPa  Pilot pressure MPa  Pilot pressure  3 8 bar  Switching time off  Switching time of  Switching time or  Switching time tweersal  Duty cycle  100 %  Max. positive test pulse with logic 0  Max. positive test pulse with logic 1  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  Ubricated operation possible (subsequently required for further operation)  Vibration resistance  Restriction ambient and medium temperature  Without holding current reduction  5 · 50 °C  Shock resistance  Shock resistance  Corrosion resistance classification CRC  PWIS conformity  VDMA24364-B1/B2-L	Sealing principle	soft
Pushing Covered       Type of pilotting     Piloted       Pilot air supply     external       Lap     Indefinite overlap       Pilot pressure MPa     0.3 0.8 MPa       Pilot pressure of     3 8 bar       Switching time off     48 ms       Switching time reversal     29 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	Assembly position	Any
Pushing Covered       Type of pilotting     Piloted       Pilot air supply     external       Lap     Indefinite overlap       Pilot pressure MPa     0.3 0.8 MPa       Pilot pressure of     3 8 bar       Switching time off     48 ms       Switching time reversal     29 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	Manual override	detenting
Type of piloting       Piloted         Pilot air supply       external         Lap       Indefinite overlap         Pilot pressure MPa       0.3 0.8 MPa         Pilot pressure       3 8 bar         Switching time off       48 ms         Switching time on       15 ms         Switching time reversal       29 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		
Pilot air supply Lap Indefinite overlap Pilot pressure MPa O.3 0.8 MPa Pilot pressure 3 8 bar Switching time off 48 ms Switching time on 15 ms Switching time reversal 29 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 Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Ubiricated 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		Covered
Pilot air supply Lap Indefinite overlap Pilot pressure MPa O.3 0.8 MPa Pilot pressure 3 8 bar Switching time off 48 ms Switching time on 15 ms Switching time reversal 29 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 Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Ubiricated 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	Type of piloting	Piloted
Pilot pressure MPa  Pilot pressure  3 8 bar  Switching time off  48 ms  Switching time on  15 ms  Switching time reversal  Duty cycle  100 %  Max. positive test pulse with logic 0  Max. negative test pulse with logic 1  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  Ubircated 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 60068-2-77  Corrosion resistance classification CRC  2 - Moderate corrosion stress  PWIS conformity  VDMA24364-B1/B2-L	Pilot air supply	external
Pilot pressure  3 8 bar  Switching time off  48 ms  Switching time on  15 ms  Switching time reversal  29 ms  Duty cycle  100 %  Max. positive test pulse with logic 0  Max. negative test pulse with logic 1  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  Ubbricated 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	Lap	Indefinite overlap
Switching time off  48 ms  Switching time on  15 ms  Switching time reversal  29 ms  Duty cycle  100 %  Max. positive test pulse with logic 0  700 µs  Max. negative test pulse with logic 1  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  Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6  Restriction ambient and medium temperature  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	Pilot pressure MPa	0.3 0.8 MPa
Switching time on 15 ms Switching time reversal 29 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	Pilot pressure	3 8 bar
Switching time reversal  Duty cycle  100 %  Max. positive test pulse with logic 0  700 µs  Max. negative test pulse with logic 1  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  Uubricated 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	Switching time off	48 ms
Switching time reversal  Duty cycle  100 %  Max. positive test pulse with logic 0  700 µs  Max. negative test pulse with logic 1  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  Uubricated 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	Switching time on	15 ms
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-L		29 ms
Max. negative test pulse with logic 1  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]  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	Duty cycle	100 %
Max. negative test pulse with logic 1  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]  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	Max. positive test pulse with logic 0	700 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		900 μs
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	Characteristic coil data	24 V DC: 1 W
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	Permissible voltage fluctuation	+/- 10 %
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	Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
942017-4 and EN 60068-2-6  Restriction ambient and medium temperature  Without holding current reduction -5 - 50 °C  Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27  Corrosion resistance classification CRC 2 - Moderate corrosion stress  PWIS conformity VDMA24364-B1/B2-L	Note on operating and pilot medium	
-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  VDMA24364-B1/B2-L	Vibration resistance	
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  VDMA24364-B1/B2-L	Restriction ambient and medium temperature	Without holding current reduction
PWIS conformity VDMA24364-B1/B2-L	Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN
PWIS conformity VDMA24364-B1/B2-L	Corrosion resistance classification CRC	2 - Moderate corrosion stress
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Mennin remieranie	Medium temperature	-5 60 °C



Feature	Value
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 60 °C
Product weight	160 g
Electrical connection	Via electrical connection plate
Mounting type	on manifold rail
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
Material housing	Wrought Aluminum alloy