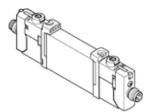
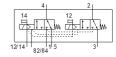
solenoid valve VUVG-B10-T32C-MZT-F-1R8L Part number: 8031492







FESTO

Data sheet

Type of actuation electrical	Feature	Value
Valve size 10 mm 1401/min Operating pressure MPA 0.09 1 MPa Operating pressure 0.9 10 bar Design structure Piston slide Type of reset Authorisation RCM Mark CUL us - Recognized (Ot) Protection class IP65 with plug socket Nominal size 1.8 mm Exhaust air function throttleable Sealing principle Assembly position Any Manual override detenting Pushing Covered Pilot air supply Pilot air supply Overlap Pilot pressure MPA 0.2 0.8 MPA Pilot pressure MPA 0.2 0.8 MPA Pilot pressure MPA 0.2 0.8 MPA Switching time off Switching time off Switching time on But yevide Max. pogative test pulse with logic 0 Max. pogative test pulse with logic 0 Operating medium Operating medium Compressed air in accordance with FN 942017-5 and EN Positive overlay level 2 in accordance with FN 942017-5 and EN Positive overlay level 2 in accordance with FN 942017-5 and EN Positive overlay level 2 in accordance with FN 942017-5 and EN Positive overlay level 2 in accordance with FN 942017-5 and EN Positive overlay level 2 in accordance with FN 942017-5 and EN Position resistance PMIS conformity Video corresion resistance PMIS conf	Valve function	2x3/2 closed, monostable
Standard nominal flow rate Operating pressure MPa Operating pressure MPa Operating pressure Operating pressure Piston slide Type of reset Authorisation RCM Mark c UL us - Recognized (OL) Protection class Nominal size Exhaust-air function Sealing principle Sasembly position Manual override detenting Pushing Covered Type of pioting Pilot air supply external Overlap Positive overlap Pilot pressure MPa Dilt of pressure MPa Dilt of pressure Switching time off 11 ms Switching time off Max. positive test pulse with logic 0 Max. positive test pulse with logic 1 Max. positive test pulse with logic 1 Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and medium temperature Without holding current reduction Shock resistance Shock resistance Shock resistance Shock resistance Shock resistance Shock resistance Shock test with severily level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC PMIS conformity VonA24364-B1/B2-L	Type of actuation	electrical
Operating pressure MPa Operating pressure Operating pressure Operating pressure Operating pressure Piston slide Type of reset Authorisation RCM Mark CUL us - Recognized (Ot.) Protection class IP65 With plug socket Nominal size 1.8 mm Exhaust-air function Sealing principle Soft Assembly position Any Manual override detenting Pushing Covered Type of piloting Pilot air supply external Overlap Plot air supply external Overlap Plot ressure MPa O.2 0.8 MPa Pilot pressure MPa Dity ressure Duty cycle 10 0% Max. positive test pulse with logic 0 Max. positive test pulse with logic 1 Operating medium test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-7 Corrosion resistance Shock test with severily level 2 in accordance with FN 942017-5 and EN 60068-2-7 Corrosion resistance Corrosion resistance classification CRC Operation Operatoring Operato	Valve size	10 mm
Operating pressure 0.9 10 bar Design structure Piston slide Type of reset mechanical spring Authorisation RCM Mark c UL us - Recognized (OL) Protection class IP65 Nominal size 1.8 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Type of piloting Positive overlag Type of piloting Piloted Pilot air supply external Overlap Positive overlap Pilot pressure MPa 0.2 0.8 MPa Pilot pressure 2 8 bar Suitability for vacuum Yes Switching time off 11 ms Switching time off 11 ms Switching time on 8 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 Permis	Standard nominal flow rate	140 l/min
Design structure Type of reset mechanical spring Muthorisation RCM Mark c UL us - Recognized (OL) Protection class Protection class Protection class Protection class With plug socket Nominal size 1.8 mm Exchanust-air function Sealing principle Soft Assembly position Manual override detenting Pushing Covered Pushing Covered Pushing Covered Pilot air supply external Overlap Plot air supply external Overlap Plot pressure Plot pressure Push baar Switching time off 11 ms Switching time off 11 ms Switching time off 11 ms Switching time of Max. positive test pulse with logic 0 Max. positive test pulse with logic 1 Doperating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Operating and pilot medium Ubricated operation possible (subsequently required for further operation) Vibration resistance Protection resistance Shock resistance classification CRC Shock resistance Shock resistance Shock resistance Shock resistance structure over the succordance with FN 942017-5 and EN 60068-2-6 Shock resistance classification CRC Shock resistance Shock resistance succordance with FN 942017-5 and EN 60068-2-7 Shock resistance Shock resistance classification CRC	Operating pressure MPa	-0.09 1 MPa
Type of reset Authorisation RCM Mark cUL us - Recognized (OL) Protection class IP65 with plug socket Nominal size 1.8 mm Exhaust-air function throttleable Sealing principle soft Any Manual override detenting Pushing Covered Type of piloting Pilot air supply external Overlap Pilot pressure MPa Pilot pressure MPa Switching time off Switching time on Baws. negative test pulse with logic 0 Max. negative test pulse with logic 1 Max. negative test pulse with logic 1 Operating medium Note on operating and pilot medium Covered Pulstation and Exhausticate Ubritation and Exhausticate Ubritation and Exhausticate Ubritation resistance Shock shock shock should be s	Operating pressure	-0.9 10 bar
Authorisation RCM Mark c Ut. us - Recognized (Ot.) Protection class IP65 with plug socket Nominal size 1.8 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Covered Type of piloting Piloted Piloted Piloted Pilot air supply external Overlap Positive overlap Pilot pressure MPa 0.2 0.8 MPa Pilot pressure 2 8 bar Suitching time off 11 ms Switching time off 11 ms Switching time on 8 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 OC: 1 W Permissible voltage fluctuation 4/-10 % Operating and pilot medium Note on operating and pilot medium 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 test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-7 PWIS conformity VDMA24364-B1/B2-L	Design structure	Piston slide
Authorisation CUL us - Recognized (OL) Protection class IP65 with plug socket Nominal size 1.8 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Covered Type of piloting Piloted Piloted Piloted Pilot air supply external Overlap Positive overlap Pilot pressure MPa 0.2 0.8 MPa Pilot pressure MPa 0.2 0.8 MPa Pilot pressure MPa 1.1 ms Switching time off 11 ms Switching time on 8 ms Sultability for vacuum Yes Switching time on 8 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 % Compression 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 942017-5 and EN 60068-2-6 Restriction ambient and medium temperature Without holding current reduction -5 - 50 ° C Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 PWIS conformity VDMA2346-B1/B2-L	Type of reset	mechanical spring
Protection class with plug socket Nominal size 1.8 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Covered Type of piloting Piloted Pliot air supply external Overlap Positive overlap Pilot pressure MPa 0.2 0.8 MPa Pilot pressure W3 2 8 bar Suitability for vacuum Yes Switching time off 11 ms Switching time on 8 ms Duty cycle 100 % Max. positive test pulse with logic 0 700 µs Max. negative test pulse with logic 1 900 µs Characteristic coil data 2 4 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 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 6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-2 6 Shock resistance Corrosion resistance classification CRC 2 - Moderate corrosion stress VDMA24364-B1/82-L	Authorisation	RCM Mark
with plug socket 1.8 mm Exhaust-air function Sealing principle Any Manual override Manual override Type of piloting Plot air supply Overlap Plot pressure 2 8 bar Suitability for vacuum Yes Switching time off Switching time off Switching time on Buty cycle Max. regative test pulse with logic 0 Max. positive test pulse with logic 1 Characteristic coil data Permissible voltage fluctuation Dyperating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Vibration resistance Shock resistance Shock resistance Shock resistance Corrosion resistance classification CRC PVIMS conformity VDMA24364-B1 82-L VDMA24364-B1 82-L VDMA24364-B1 82-L VDMA24364-B1 82-L		c UL us - Recognized (OL)
Nominal size Exhaust-air function Exhaust-air function Sealing principle Assembly position Any Manual override Pilot de Piloted Piloted Pilot air supply Moverlap Positive overlap Positive overlap Positive overlap Pilot pressure MPa 10.20.8 MPa Pilot pressure 28 bar Suitability for vacuum Yes Switching time off 11 ms Switching time off 11 ms Switching time on 100 % Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 Moverape Max in a coordance with logic 1 Max. negative test pulse with logic 1 Movernissible voltage fluctuation Moverning 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) Wibration resistance Transport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-7 Shock resistance Shock test with 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-B1/B2-L	Protection class	IP65
Exhaust-air function Sealing principle Sealing principle Any Manual override Type of piloting Piloted Piloted Piloted Pilot air supply Positive overlap Pilot pressure MPa O.2 0.8 MPa Pilot pressure 2 8 bar Suitability for vacuum Yes Switching time off 11 ms Switching time on Bury cycle 100 % Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 Characteristic coil data Permissible voltage fluctuation Operating medium 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 942017-5 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-B1/B2-L		with plug socket
Sealing principle Assembly position Any Manual override Algebraic Sealing Pushing Covered Type of piloting Pilot air supply Pilot air supply Overlap Pilot air supply Overlap Pilot pressure MPa O.20.8 MPa Pilot pressure Suitability for vacuum Yes Switching time off 11 ms Switching time on 8 ms Duty cycle 100 % Max. positive test pulse with logic 0 Max. positive test pulse with logic 1 Oberatirstic 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 Ubricated 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 Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance Conformity VDMA24364-B1/82-L	Nominal size	1.8 mm
Assembly position Manual override detenting Pushing Covered Type of piloting Piloted Piloted Piloted Positive overlap Positive overlap Pilot pressure MPa Pilot pressure 2 8 bar Suitability for vacuum Yes Switching time off 11 ms Switching time on 8 ms Duty cycle 100 % Max. positive test pulse with logic 0 Max. positive test pulse with logic 1 Operative cold 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 Conformity VDMA24364-B1/B2-L	Exhaust-air function	throttleable
Manual override detenting Pushing Covered Type of piloting Piloted Piloted Piloted Pilot air supply external Overlap Positive overlap Pilot pressure MPa Ditoted Switching time off Switching time off Suitching time on Suty cycle In 100 % 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 Suitching medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Lubricated operation possible (subsequently required for further operation) 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 Cassification CRC 2 - Moderate corrosion stress VDMA24364-B1/B2-L	Sealing principle	soft
Pushing Covered Type of pilotting Piloted Pilot air supply external Overlap Positive overlap Pilot pressure MPa 0.2 0.8 MPa Pilot pressure with pressure 2 8 bar Suitability for vacuum Yes Switching time off 11 ms Switching time on 8 ms Duty cycle 100 % Max. positive test pulse with logic 0 700 μs Max. negative test pulse with logic 1 900 μs Characteristic coil data 24 V DC: 1 W 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 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 Overlap Positive overlap Pilot pressure MPa 0.2 0.8 MPa Pilot pressure with pressure 2 8 bar Suitability for vacuum Yes Switching time off 11 ms Switching time on 8 ms Duty cycle 100 % Max. positive test pulse with logic 0 700 μs Max. negative test pulse with logic 1 900 μs Characteristic coil data 24 V DC: 1 W 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 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 Overlap Positive overlap Pilot pressure MPa 0.2 0.8 MPa Pilot pressure 2 8 bar Suitability for vacuum Yes Switching time off 11 ms Switching time on 8 ms Duty cycle 100 % Max. positive test pulse with logic 0 700 μs Max. negative test pulse with logic 1 900 μs Characteristic coil data 24 V Dc: 1 W 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 Overlap Positive overlap Positive overlap Positive overlap Positive overlap Positive overlap Positive overlap Pilot pressure MPa 2 8 MPa Pilot pressure Suitability for vacuum Yes Switching time off 11 ms Switching time off 11 ms Switching time on 8 ms Duty cycle 100 % Max. positive test pulse with logic 0 700 µs Max. negative test pulse with logic 1 900 µs Characteristic coil data 24 V DC: 1 W Permissible voltage fluctuation +/- 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		Covered
Pilot air supply Overlap Positive overlap Positive overlap Positive overlap Positive overlap Positive overlap Positive overlap Pilot pressure MPa 2 8 MPa Pilot pressure Suitability for vacuum Yes Switching time off 11 ms Switching time off 11 ms Switching time on 8 ms Duty cycle 100 % Max. positive test pulse with logic 0 700 µs Max. negative test pulse with logic 1 900 µs Characteristic coil data 24 V DC: 1 W Permissible voltage fluctuation +/- 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	Type of piloting	Piloted
Pilot pressure MPa Pilot pressure 2 8 bar Suitability for vacuum Yes Switching time off 11 ms Switching time on Duty cycle 100 % Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 Permissible voltage fluctuation Operating medium Note on operating and pilot medium Vibration resistance Restriction ambient and medium temperature Shock resistance Shock resistance Corrosion resistance classification CRC PWS VES Switching time on Yes Sms 11 ms Sms 10 % Sms 20 WB Sms	Pilot air supply	external
Pilot pressure 2 8 bar Suitability for vacuum Yes Switching time off 11 ms Switching time on 8 ms Duty cycle 100 % Max. positive test pulse with logic 0 Max. ngative test pulse with logic 1 Characteristic coil data 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 942017-4 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-B1/B2-L	Overlap	Positive overlap
Suitability for vacuum Switching time off 11 ms Switching time on 8 ms Duty cycle 100 % Max. positive test pulse with logic 0 700 µs Max. negative test pulse with logic 1 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	0.2 0.8 MPa
Switching time off Switching time on 8 ms Duty cycle 100 % Max. positive test pulse with logic 0 700 µs Max. negative test pulse with logic 1 900 µs Characteristic coil data 24 V DC: 1 W 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	Pilot pressure	2 8 bar
Switching time on 8 ms Duty cycle 100 % Max. positive test pulse with logic 0 700 µs Max. negative test pulse with logic 1 900 µs Characteristic coil data 24 V DC: 1 W 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	Suitability for vacuum	Yes
Switching time on 8 ms Duty cycle 100 % Max. positive test pulse with logic 0 700 µs Max. negative test pulse with logic 1 900 µs Characteristic coil data 24 V DC: 1 W 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	Switching time off	11 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	Switching time on	8 ms
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] 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 1 900 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] 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 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	
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	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
,		
	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	54 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