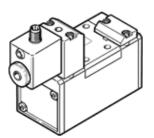
## solenoid valve MDH-5/2-D-1-S-FR-M12D-C Part number: 540811

With M12 plug connection.



**FESTO** 

## **Data sheet**

Valve function         5/2 monostable           Type of actuation         electrical           Width         42 mm           Standard nominal flow rate         1,200 //min           Operating pressure         9.9 16 bar           Design structure         Piston silde           Type of reset         mechanical spring           Protection class         IP65           Nominal size         8 mm           Gid dimension         43 mm           Exhaust-air function         throttleable           Sealing principle         soft           Assembly position         Any           Conforms to standard         ISO 5599-1           Manual overide         Pushing           ISO code         169           Type of piloting         Piloted           Plot air supply         external           Flow direction         reversible           Overlap         Positive overlap           Pilot pressure         3 10 bar           Switching time off         42 ms           Switching time of         20 ms           Duty cycle         100 %           Max. positive test pulse with logic 1         4,900 µs           Abaracteristic coil data         2	Feature	Value
Width         42 mm           Standard nominal flow rate         1,200 l/min           Design structure         Piston slide           Type of reset         mechanical spring           Protection class         IP65           Nominal size         8 mm           Grid dimension         43 mm           Exhaust-air function         throttleable           Sealing principle         50f           Assembly position         Any           Conforms to standard         ISO 5599-1           Assembly position         Any           Conforms to standard         ISO 5599-1           Jipic of piloting         Pushing           ISO code         169           Type of piloting         Piloted           Pilot air supply         external           Flow direction         reversible           Overlap         Positive overlap           Pilot pressure         3 10 bar           Switching time off         42 ms           Switching time of         20 ms           Max. positive test pulse with logic 1         4,900 µs           Characteristic coil data         4/ 10 %           Permissible voltage fluctuation         4/ 10 %           Operating medium	Valve function	5/2 monostable
Standard nominal flow rate         1,200 l/min           Operating pressure         -0,5 16 bar           Design structure         Piston slide           Type of reset         mechanical spring           Protection class         lP65           Nominal size         8 mm           Grid dimension         43 mm           Exhaust-air function         throttleable           Sealing principle         soft           Assembly position         Any           Assembly position         Any           Gonforms to standard         ISO 5599-1           Manual override         Pushing           ISO code         169           Type of piloting         Piloted           Pilot air supply         external           Flow direction         exersible           Overlap         Positive overlap           Pilot pressure         3 10 bar           Switching time of         42 ms           Switching time of         42 ms           Switching time of         42 ms           Switching time on         20 ms           Duty cycle         100%           Max. positive test pulse with logic 1         4,900 μs           Anaccreatics coil data         24	Type of actuation	electrical
Operating pressure         9.9 16 bar           Design structure         Piston slide           Type of reset         mechanical spring           Protection class         IP65           Nominal size         8 mm           Grid dimension         43 mm           Exhaust-air function         throttleable           Sealing principle         soft           Assembly position         Any           Conforms to standard         ISO 5599-1           Manual override         Pushing           ISO code         169           Type of piloting         Piloted           Pilot air supply         external           Flow direction         reversible           Overlap         Positive overlap           Pilot pressure         3 10 bar           Switching time of         42 ms           Switching time of         20 ms           Duty cycle         100 %           Max. negative test pulse with logic 0         3,800 µs           Max. negative test pulse with logic 1         4,900 µs           Characteristic coil data         24 V DC: 2.7 W           Permissible voltage fluctuation         Compressed air in accordance with ISO8573-1:2010 [7:4:4]           Note on operating and pilot m	Width	42 mm
Design structure Type of reset Ingo of reset Industrial spring Industrial	Standard nominal flow rate	1,200 l/min
Type of reset	Operating pressure	-0.9 16 bar
Protection class Nominal size 8 mm Grid dimension 43 mm Exhaust air function Exhaust air function Exhaust air function Sealing principle Soft Any Conforms to standard ISO 5599-1 Manual override Pushing ISO code 169 Type of piloting Pilot dar supply external Plot air supply Exhaust air function Positive overlap Plot pressure Switching time off Switching time off Max. positive test pulse with logic 0 Max. positive test pulse with logic 1 Characteristic coil data Permissible voltage fluctuation Operating medium Operating medium Operating medium Operating medium Operating and pilot medium Vibration resistance Shock resistance Shock resistance Shock resistance Sound pressure Sound pressure Sound pressure Shock resistance Shock resistance Shock remeature Shock resistance Shock remeature Shock resistance Shock remeature Shock	Design structure	Piston slide
Nominal size         8 mm           Grid dimension         43 mm           Exhaust-air function         throttleable           Sealing principle         soft           Assembly position         Any           Conforms to standard         ISO 5599-1           Manual override         Pushing           ISO code         169           Type of piloting         Piloted           Pilot air supply         external           Flow direction         reversible           Overlap         Positive overlap           Pilot pressure         3 10 bar           Switching time off         42 ms           Switching time off         42 ms           Switching time on         20 ms           Duty cycle         100 %           Max. positive test pulse with logic 0         3,800 µs           Max. negative test pulse with logic 1         4,900 µs           Characteristic coil data         24 VDC: 2.7 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         T	Type of reset	mechanical spring
Grid dimension         43 mm           Exhaust-air function         throttleable           Sealing principle         soft           Assembly position         Any           Conforms to standard         ISO 5599-1           Manual override         Pushing           ISO code         169           Type of piloting         Piloted           Pilot air supply         external           Flow direction         reversible           Overlap         Positive overlap           Pilot pressure         3 10 bar           Switching time off         42 ms           Switching time on         20 ms           Duty cycle         100 %           Max. positive test pulse with logic 0         3,800 µs           Max. negative test pulse with logic 1         4,900 µs           Characteristic coil data         24 V DC: 2.7 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 with severity level 1 as per FN 942017-4 and EN 60068-2-27           Shock resistance	Protection class	IP65
Exhaust-air function throttleable Sealing principle soft Assembly position Any Conforms to standard ISO 5599-1 Manual override Pushing SIO code 169 Type of piloting Piloted Pilot air supply Position reversible Overlap Positive overlap Pilot pressure 3 10 bar Switching time off 20 ms Switching time on 20 ms Duty cycle 100 % Max. positive test pulse with logic 0 3,800 µs Ass. reagative test pulse with logic 1 4,900 µs Characteristic coil data 24 V DC: 2.7 W Permissible voltage fluctuation 4-/10 % Operating medium Comperating and pilot medium bereating and pilot medium poperation possible (subsequently required for further operation) Filox resistance Soft (A) Shock resistance Soft (A) Shock resistance Soft (A) Shock resistance Soft (A) Shock pressure level 85 dB(A) Robient temperature - 10 50 °C Sound pressure level (A) Anbient temperature - 10 50 °C Froduct weight — 40 no sub-base	Nominal size	8 mm
Sealing principle         soft           Assembly position         Any           Conforms to standard         ISO 599-1           Manual override         Pushing           ISO code         169           Type of piloting         Piloted           Pilot air supply         external           Flow direction         reversible           Overlap         Positive overlap           Pilot pressure         3 10 bar           Switching time off         42 ms           Switching time off         20 ms           Max. positive test pulse with logic 0         3,800 µs           Max. positive test pulse with logic 0         3,800 µs           Max. negative test pulse with logic 1         4,900 µs           Characteristic coil data         24 V DC: 2.7 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         Shock test with severity level 1 as per 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           Shock resistance	Grid dimension	43 mm
Assembly position Any Conforms to standard ISO 5599-1 Manual override Pushing ISO code 169 Type of piloting Piloted Piloted Positive overlap Pilot air supply external Flow direction reversible Overlap Pilot gressure 3 10 bar Switching time off 42 ms Switching time off 42 ms Switching time on 20 ms Duty cycle 100 % Max. positive test pulse with logic 1 4,900 µs Max. negative test pulse with logic 1 4,900 µs Permissible voltage fluctuation Coperating medium Coperating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-7 PWIS conformity VDMA24364-B1/B2-1 Medium temperature 10 50 °C Sound pressure level 60 Mit2x1 Ambient temperature -10 50 °C Froduct weight 420 g Flectrical connection Mit2x1 Mounting type On sub-base	Exhaust-air function	throttleable
Conforms to standard  Manual override  Pushing  Pushing  Piloted  169  Type of piloting  Piloted  Pilot air supply  external  Plow direction  reversible  Overlap  Pilot pressure  310 bar  Switching time off  42 ms  Switching time on  Duty cycle  100 %  Max. positive test pulse with logic 0  Max. negative test pulse with logic 1  Characteristic coil data  Permissible voltage fluctuation  Ay Departing medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Note on operating and pilot medium  Vibration resistance  Shock resistance  Shock resistance  PWIS conformity  Womaca departure  10 50 °C  Product weight  420 g  Electrical connection  Milozi  Mounting type  On sub-base	Sealing principle	soft
Manual override Pushing ISO code 169 ISO code 169 Piloted Pilot dir supply external Flow direction reversible Overlap Positive overlap Pilot prissure 310 bar Switching time off 42 ms Switching time on 20 ms Duty cycle 100 % Max. positive test pulse with logic 0 3,800 µs Max. negative test pulse with logic 1 4,900 µs Characteristic coil data 24 V DC: 2.7 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 consistance Fix 60068-2-6 Shock resistance Shock test with severity level 1 as per FN 942017-5 and EN 60068-2-7 PWIS conformity VDMA24364-B1/B2-L Medium temperature 10 50 °C Fooduct weight Lettic Contection Miloz Alexander Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 10 50 °C Fooduct weight 420 g Flectrical connection Miloz Alexander Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 10 50 °C Fooduct weight 420 g Flectrical connection Miloz Milo	Assembly position	Any
ISO code 169 Type of piloting Piloted Powersible Powersibl	Conforms to standard	ISO 5599-1
Type of piloting Pilot air supply external Flow direction reversible Overlap Positive overlap Pilot pressure 3 10 bar Switching time off 42 ms Switching time on 20 ms Duty cycle 100 % Max. positive test pulse with logic 1 4,900 μs Characteristic coil data 24 V DC: 2.7 W Permissible voltage fluctuation Coperating medium Comperating and pilot medium Unbraited operation) Vibration resistance Transport application test with severity level 1 as per FN 942017-5 and EN 60068-2-27 PWIS conformity VDMA2436-B1/B2-L Medium temperature 10 50 °C Sound pressure level Product weight 1 420 g Electrical connection M12x1 Mounting type  Pilot medium M12x1 Mounting type  Positive overlap Positive veverlap Positive overlap Positive Positive overlap Positive Positive overlap Positive Positive Positive Positive overlap Positive Positive Positive Positive Posit	Manual override	Pushing
Pilot air supply external Flow direction reversible Overlap Positive overlap Pilot pressure 3 10 bar Switching time off 42 ms Switching time on 20 ms Duty cycle 100 % Max. positive test pulse with logic 0 3,800 µs Max. negative test pulse with logic 1 4,900 µs Characteristic coil data 24 V DC: 2.7 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 with severity level 1 as per FN 942017-5 and EN 60068-2-27 PWIS conformity VDMA24364-B1/B2-L Medium temperature 1-10 50 °C Sound pressure level 35 dB(A) Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 1-0 50 °C Product weight 420 g Electrical connection M12x1 Mounting type On sub-base	ISO code	169
Flow direction reversible Overlap Positive overlap Pilot pressure 3 10 bar Switching time off 42 ms Switching time on 20 ms Duty cycle 100 % Max. positive test pulse with logic 0 3,800 µs Max. negative test pulse with logic 1 4,900 µs Characteristic coil data 24 V DC: 2,7 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 resistance Shock resistance Shock test with severity level 1 as per FN 942017-4 and EN 60068-2-6 Shock resistance Shock sest with severity level 2 in accordance with FN 942017-5 and EN 60068-2-7 PWIS conformity VDMA24364-B1/B2-L Medium temperature 1050 °C Sound pressure level Stectrical connection M12x1 Ambient temperature 1050 °C Product weight 420 g Electrical connection M12x1 Mounting type On sub-base	Type of piloting	Piloted
Overlap       Positive overlap         Pilot pressure       3 10 bar         Switching time off       42 ms         Switching time on       20 ms         Duty cycle       100 %         Max. positive test pulse with logic 0       3,800 μs         Max. negative test pulse with logic 1       4,900 μs         Characteristic coil data       24 V DC: 2.7 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 with severity level 1 as per 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         PWIS conformity       VDMA24364-B1/B2-L         Medium temperature       -10 50 °C         Sound pressure level       85 dB(A)         Pilot medium       Compressed air in accordance with ISO8573-1:2010 [7:4:4]         Ambient temperature       -10 50 °C         Product weight       20 g         Electrical connection       M12x1         Mounting type       On sub-base	Pilot air supply	external
Pilot pressure 3 10 bar  Switching time off 42 ms  Switching time on 20 ms  Duty cycle 100 %  Max. positive test pulse with logic 0 3,800 µs  Max. negative test pulse with logic 1 4,900 µs  Characteristic coil data 24 V DC: 2.7 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 with severity level 1 as per 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  PWIS conformity VDMA24364-B1/B2-L  Medium temperature -10 50 °C  Sound pressure level 85 dB(A)  Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature -10 50 °C  Froduct weight -10 50 °C  Electrical connection M12x1  Mounting type On sub-base	Flow direction	reversible
Switching time off42 msSwitching time on20 msDuty cycle100 %Max. positive test pulse with logic 03,800 μsMax. negative test pulse with logic 14,900 μsCharacteristic coil data24 V DC: 2.7 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 with severity level 1 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27PWIS conformityVDMA24364-B1/B2-LMedium temperature-10 50 °CSound pressure level85 dB(λ)Pilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 50 °CProduct weight420 gElectrical connectionM12x1Mounting typeOn sub-base	Overlap	Positive overlap
Switching time on 20 ms  Duty cycle 100 %  Max. positive test pulse with logic 0 3,800 µs  Max. negative test pulse with logic 1 4,900 µs  Characteristic coil data 24 V DC: 2.7 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 with severity level 1 as per FN 942017-4 and EN 60068-2-6  Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-77  PWIS conformity VDMA24364-B1/B2-L  Medium temperature -10 50 °C  Sound pressure level 85 dB(A)  Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature -10 50 °C  Froduct weight 420 g  Electrical connection M12x1  Mounting type On sub-base	Pilot pressure	3 10 bar
Duty cycle100 %Max. positive test pulse with logic 03,800 μsMax. negative test pulse with logic 14,900 μsCharacteristic coil data24 V DC: 2.7 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 with severity level 1 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27PWIS conformityVDMA24364-B1/B2-LMedium temperature-10 50 °CSound pressure level85 dB(A)Pilot mediumcompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 50 °CProduct weight420 gElectrical connectionM12x1Mounting typeOn sub-base	Switching time off	42 ms
Max. positive test pulse with logic 03,800 μsMax. negative test pulse with logic 14,900 μsCharacteristic coil data24 V DC: 2.7 WPermissible voltage fluctuation+/- 10 %Operating mediumCompresseed 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 with severity level 1 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27PWIS conformityVDMA24364-B1/B2-LMedium temperature-10 50 °CSound pressure level85 dB(A)Pilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 50 °CProduct weight420 gElectrical connectionM12x1Mounting typeOn sub-base	Switching time on	20 ms
Max. negative test pulse with logic 14,900 μsCharacteristic coil data24 V DC: 2.7 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 with severity level 1 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27PWIS conformityVDMA24364-B1/B2-LMedium temperature-10 50 °CSound pressure level85 dB(A)Pilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 50 °CProduct weight420 gElectrical connectionM12x1Mounting typeOn sub-base	Duty cycle	100 %
Characteristic coil data 24 V DC: 2.7 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 with severity level 1 as per 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  PWIS conformity VDMA24364-B1/B2-L  Medium temperature -10 50 °C  Sound pressure level 85 dB(A)  Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature -10 50 °C  Product weight 420 g  Electrical connection M12x1  Mounting type On sub-base	Max. positive test pulse with logic 0	3,800 µs
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 with severity level 1 as per 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  PWIS conformity VDMA24364-B1/B2-L  Medium temperature -10 50 °C  Sound pressure level 85 dB(A)  Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature -10 50 °C  Product weight 420 g  Electrical connection M12x1  Mounting type On sub-base	Max. negative test pulse with logic 1	4,900 μs
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 with severity level 1 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27PWIS conformityVDMA24364-B1/B2-LMedium temperature-10 50 °CSound pressure level85 dB(A)Pilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 50 °CProduct weight420 gElectrical connectionM12x1Mounting typeOn sub-base	Characteristic coil data	24 V DC: 2.7 W
Note on operating and pilot medium  Lubricated operation possible (subsequently required for further operation)  Vibration resistance  Transport application test with severity level 1 as per 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  PWIS conformity  VDMA24364-B1/B2-L  Medium temperature  -10 50 °C  Sound pressure level  85 dB(A)  Pilot medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature  -10 50 °C  Product weight  420 g  Electrical connection  M12x1  Mounting type  On sub-base	Permissible voltage fluctuation	+/- 10 %
operation)  Vibration resistance  Transport application test with severity level 1 as per 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  PWIS conformity  VDMA24364-B1/B2-L  Medium temperature  -10 50 °C  Sound pressure level  85 dB(A)  Pilot medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature  -10 50 °C  Product weight  420 g  Electrical connection  M12x1  Mounting type  On sub-base	Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
EN 60068-2-6  Shock resistance Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27  PWIS conformity VDMA24364-B1/B2-L  Medium temperature -10 50 °C  Sound pressure level 85 dB(A)  Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature -10 50 °C  Product weight 420 g  Electrical connection M12x1  Mounting type On sub-base	Note on operating and pilot medium	
60068-2-27  PWIS conformity  VDMA24364-B1/B2-L  Medium temperature -10 50 °C  Sound pressure level 85 dB(A)  Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature -10 50 °C  Product weight 420 g  Electrical connection M12x1  Mounting type On sub-base	Vibration resistance	
Medium temperature -10 50 °C  Sound pressure level 85 dB(A)  Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature -10 50 °C  Product weight 420 g  Electrical connection M12x1  Mounting type On sub-base	Shock resistance	
Medium temperature -10 50 °C  Sound pressure level 85 dB(A)  Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature -10 50 °C  Product weight 420 g  Electrical connection M12x1  Mounting type On sub-base	PWIS conformity	VDMA24364-B1/B2-I
Sound pressure level 85 dB(A)  Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature -10 50 °C  Product weight 420 g  Electrical connection M12x1  Mounting type On sub-base	,	•
Pilot medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature -10 50 °C  Product weight 420 g  Electrical connection M12x1  Mounting type On sub-base	'	
Ambient temperature -10 50 °C  Product weight 420 g  Electrical connection M12x1  Mounting type On sub-base	•	· · ·
Product weight 420 g  Electrical connection M12x1  Mounting type On sub-base		
Electrical connection M12x1 Mounting type On sub-base	·	
Mounting type On sub-base		
l with through hole		with through hole



Feature	Value
Pilot air port 12	Sub-base
Pilot air port 14	Sub-base Sub-base
Pneumatic connection, port 1	Connection plate size 1 as per ISO 5599-1
Pneumatic connection, port 2	Connection plate size 1 as per ISO 5599-1
Pneumatic connection, port 3	Connection plate size 1 as per ISO 5599-1
Pneumatic connection, port 4	Connection plate size 1 as per ISO 5599-1
Pneumatic connection, port 5	Connection plate size 1 as per ISO 5599-1
Material seals	HNBR
	NBR
Material housing	Aluminium die cast