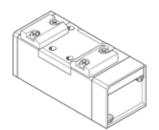
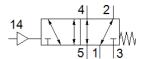
## Pneumatic valve VL-5/2-D-2-FR-C Part number: 151844

**FESTO** 

5/2-way function, pneumatically actuated, with spring return





## **Data sheet**

Type of actuation Width Sarm Standard nominal flow rate Operating pressure MPa Operating pressure MPa Operating pressure MPa Operating pressure MPa Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Operating Oper	Feature	Value
Width  Standard nomial flow rate  2,300 //min  Operating pressure MPa  0.09 1.6 MPa  Working pressure  0.9 1.6 bar  Design structure  Piston side  mechanical spring  Luthorization  UL Recognized (OL)  Nominal size  fird dimension  Exhaust-air function  Exhaust-air function  Exhaust-air function  Exhaust-air function  Exhaust-air function  Any  Conforms to standard  Any  Conforms to standard  ISO 5599-1  Manual override  Social politing  direct  Transport application reversible  Roberting ime on  Operating medium  Operating medium  Operating medium  Operating medium  Operating medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Lubricated operation test with severity level 1 as per FN 942017-5 and EN 600042 producting type  Pilot in temperature  Shock resistance  Shock resistance  Shock resistance  Shock resistance  Shock resistance  Shock resistance  With through-hole and screw  Product weight  So g  Monunting type  On subbase  With through-hole and screw  With through-hole and screw  With through-hole and screw  Prevenuatic connection, port 1  Connection plate size 2 as per ISO 5599-1  Prevenuatic connection, port 4  Peneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Prevenuatic connection, port 4  Peneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Preventatic seases  Material seases  Material seases  Materials seases  Materials seases  Materials seases  Materials seases	Valve function	5/2 monostable
Width  Standard nomial flow rate  2,300 //min  Operating pressure MPa  0.09 1.6 MPa  Working pressure  0.9 1.6 bar  Design structure  Piston side  mechanical spring  Luthorization  UL Recognized (OL)  Nominal size  fird dimension  Exhaust-air function  Exhaust-air function  Exhaust-air function  Exhaust-air function  Exhaust-air function  Any  Conforms to standard  Any  Conforms to standard  ISO 5599-1  Manual override  Social politing  direct  Transport application reversible  Roberting ime on  Operating medium  Operating medium  Operating medium  Operating medium  Operating medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Lubricated operation test with severity level 1 as per FN 942017-5 and EN 600042 producting type  Pilot in temperature  Shock resistance  Shock resistance  Shock resistance  Shock resistance  Shock resistance  Shock resistance  With through-hole and screw  Product weight  So g  Monunting type  On subbase  With through-hole and screw  With through-hole and screw  With through-hole and screw  Prevenuatic connection, port 1  Connection plate size 2 as per ISO 5599-1  Prevenuatic connection, port 4  Peneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Prevenuatic connection, port 4  Peneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Preventatic seases  Material seases  Material seases  Materials seases  Materials seases  Materials seases  Materials seases	Type of actuation	pneumatic
Doperating pressure MPa	Width	54 mm
Doperating pressure MPa	Standard nominal flow rate	2,300 l/min
Working pressure 0.916 bar Design structure Piston slide Type of reset mechanical spring Muthorization UL - Recognized (OL) Nominal size 11.5 mm Grid dimension 56 mm Echanical function throttleable Sealing principle soft Sassembly position Any Conforms to standard Society Sp9-1 Manual override None Standard None StO 5599-1 Manual override None 1204 Type of piloting direction reversible reversible research sprinciple 316 bar Switching time of 11 ms Switching time of 39 ms Switching time of 11 ms Switching time of 11 ms Operating medium Compressure Any Departing 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 60068-2-67 Shock resistance Shock test with severity level 2 in accordance with ISO8573-1;2010 [7:4:4] PWIS conformity VOMA2/364-81/82-L Medium temperature 1-10 60 °C Sound pressure level 85 dB(A) Pilot air port 14 Peneumatic connection, port 1 Connection plate size 2 as per ISO 5599-1 Peneumatic connection, port 2 Connection plate size 2 as per ISO 5599-1 Peneumatic connection, port 4 Connection plate size 2 as per ISO 5599-1 Material seals HNBR NBR	Operating pressure MPa	
Design structure Type of reset Muchrorization UL · Recognized (DL) Nominal size 11.5 mm Grid dimension Set mm Ethaust-air function Seating principle Soft Assembly position Any Conforms to standard ISO 5599-1 Manual override None ISO code 10.6 direct Type of piloting Iso switching time off Switching time off Switching time off Switching time off Switching time of 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 WoMA24364-81/82-L Medium temperature 1060°C Sound pressure level Bild indight Mounting type On subbase With through-hole and screw Pilot air port 14 Connection plate size 2 as per ISO 5599-1 Preumatic connection, port 1 Preumatic connection, port 2 Connection plate size 2 as per ISO 5599-1 Preumatic connection, port 5 Materials seals  Medical seals  Materials seals  Materials seals  Materials seals  Materials seals  Materials seals		-0.9 16 bar
Type of reset Authorization UL - Recognized (OL) Nominal size 11.5 mm Grid dimension 56 mm Ethanusta function Sealing principle Soft Assembly position Any Conforms to standard ISO 5599-1 Manual override None ISO code 179e of piloting direct IT me preversible Lap Positive overlap Plot pressure 3 16 bar Switching time off 39 ms Switching time on Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Unbricated operation to set with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 PWIS conformity Work 236-8-1/B2-L Medium temperature 1.0 60 °C Product weight Sog a Mounting type Pilot air port 14 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 2 Pneumatic connection, port 5 Pneumatic connection, port 5 Pneumatic connection, port 5 Material seals  Mare  HNBR Material seals  Material seals  Mare  HNBR Material seals  Mare  Incordance with Sog 579-1  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Conforms to RoHS  Material seals  Material seals  Material seals		Piston slide
Nominal size Grid dimension Soft mm Schaust-air function Sealing principle Sealing principle Soft Any Conforms to standard ISO 5599-1 Manual override None StO code 204 Type of piloting direct Trough of principle Switching time off Switching time off Switching time off Soft and presented presented presented by Switching time on perating and pilot medium Operating medium Note on operating and pilot medium Operation Vibration resistance Shock resistance Shock resistance Shock sest with severity level 2 in accordance with FN 942017-5 and EN 66068-2-6 Shock resistance Shock resistance Shock and the several product weight Shock resistance Shock resis	Type of reset	mechanical spring
Grid dimension Exhaust-air function Exhaust-air function Exhaust-air function Sealing principle soft Assembly position Conforms to standard Any Conforms to standard None ISO code 204 Type of piloting Row direct Row direction 12p	Authorization	UL - Recognized (OL)
Exhaust-air function throttleable Sealing principle soft Sealing principle soft Any Conforms to standard ISO 5599-1 Manual override None SISO code 204 Type of piloting direct Type of piloting type of piloting type of	Nominal size	11.5 mm
Sealing principle Assembly position Any Conforms to standard ISO 5599-1 Manual override None ISO code 204 Type of piloting direct Row direction Iso greater and any	Grid dimension	56 mm
Assembly position Conforms to standard ISO 5599-1 None ISO code IS	Exhaust-air function	throttleable
Conforms to standard  Manual override  None  SIO Code  204  Type of piloting  direct  Flow direction  Reversible  Lap  Positive overlap  3 16 bar  Switching time of  Operating medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Note on operating and pilot medium  Vibration resistance  Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6  Shock resistance  Shock resistance  Shock set with severity level 2 in accordance with ISO8573-1:2010 [7:4:4]  Nedium temperature  10 60 °C  Sound pressure level  Shock pressure level  Shock pressure level  Ornerossed air in accordance with ISO8573-1:2010 [7:4:4]  Medium temperature  10 60 °C  Sound pressure level  Shock pressure level  Shock pressure level  On subbase  With through-hole and screw  With through-hole and screw  Product weight  Shock connection, port 1  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 2  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1	Sealing principle	soft
Manual override  SO code  204  Type of piloting  Airect  Row direction  Are reversible  Lap  Positive overlap  Pilot pressure  3 16 bar  Switching time off  39 ms  Switching time on  Operating medium  Note on operating and pilot medium  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 60068-2-6  Shock resistance  Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-2  FWIS conformity  WOMA24364-81/B2-L  Medium temperature  10 60 °C  Sound pressure level  BS dB(A)  Pilot medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature  10 60 °C  Sound pressure level  With through-hole and screw  Pilot air port 14  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 1  Pneumatic connection, port 2  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Ambient and plate in accordance with in ac	Assembly position	Any
SO code   204	Conforms to standard	ISO 5599-1
Type of piloting Flow direction reversible Lap Positive overlap Plot pressure 3 16 bar Switching time off 39 ms Switching medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Ulbricated 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 1-10 60 °C Sound pressure level B5 dB(A) Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 1-10 60 °C Froduct weight 550 g Mounting type On subbase With through-hole and screw Pilot air port 14 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 1 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 3 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 4 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 4 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1	Manual override	None
Flow direction  Lap Positive overlap Pilot pressure 3 16 bar  Switching time off 39 ms  Switching time on 11 ms 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 1-10 60 °C  Sound pressure level 85 dB(A) Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -10 60 °C  Product weight 550 g  Mounting type On subbase With through-hole and screw Pilot air port 14 Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 1 Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 2 Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4 Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1  Material seals HNBR  NBR	ISO code	204
Positive overlap  Pliot pressure  3 16 bar  Switching time off  39 ms  Switching time on  11 ms  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 60068-2-7  PWIS conformity  VDMA24364-B1/B2-L  Medium temperature  -10 60 °C  Sound pressure level  85 dB(A)  Pilot medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature  -10 60 °C  Product weight  550 g  Mounting type  On subbase  With through-hole and screw  Pilot air port 14  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 1  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 2  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 3  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Material soals  MARR	Type of piloting	direct
Pilot pressure  3 16 bar  Switching time off  39 ms  Switching time on  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 60068-2-7  PWIS conformity  VDMA23364-B1/B2-L  Medium temperature  10 60 °C  Sound pressure level  85 dB(A)  Pilot medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature  10 60 °C  Froduct weight  50 g  Mounting type  On subbase  With through-hole and screw  Pilot air port 14  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 1  Pneumatic connection, port 2  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 3  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1	Flow direction	reversible
Switching time off Switching time on Operating medium Operating 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 60 °C Sound pressure level 85 dB(A) Pilot medium Compressed air in accordance with IS08573-1:2010 [7:4:4] Ambient temperature -10 60 °C On subbase With through-hole and screw Pilot air port 14 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 1 Pneumatic connection, port 2 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 4 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 4 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 4 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 4 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 4 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1	Lap	Positive overlap
Switching time on 11 ms 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 60 °C Sound pressure level 85 dB(A) Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -10 60 °C Product weight 550 g Mounting type On subbase With through-hole and screw Pilot air port 14 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 1 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 3 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 4 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 4 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 4 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 PNeumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 PNeumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 PNeumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 PNeumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 PNeumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 PNeumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 PNeumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 PNeumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 PNeumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 PNeumatic connection, port 5 Connection plate size 2 as per ISO 5599-1	Pilot pressure	3 16 bar
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  WDMA24364-B1/B2-L  Medium temperature  -10 60 °C  Sound pressure level  Pilot medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature  -10 60 °C  Product weight  Sog  Mounting type  On subbase  With through-hole and screw  Pilot air port 14  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 1  Pneumatic connection, port 2  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Materials note  Conforms to RoHS  HNBR  NBR	Switching time off	39 ms
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 60 °C  Sound pressure level  Pilot medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature  -10 60 °C  Product weight  550 g  Mounting type  On subbase  With through-hole and screw  Pilot air port 14  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 1  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 3  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Materials note  Materials note  HNBR  NBR	Switching time on	11 ms
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 60 °C  Sound pressure level  85 dB(A)  Pilot medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature  -10 60 °C  Product weight  550 g  Mounting type  On subbase  With through-hole and screw  Pilot air port 14  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 1  Pneumatic connection, port 2  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 3  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Materials note  Material seals  HNBR  NBR	Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
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 60 °C  Sound pressure level  BS dB(A)  Pilot medium  Compressed air in accordance with IS08573-1:2010 [7:4:4]  Ambient temperature  -10 60 °C  Product weight  550 g  Mounting type  On subbase  With through-hole and screw  Pilot air port 14  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 1  Pneumatic connection, port 2  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 3  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Materials note  Materials seals  HNBR  NBR	Note on operating and pilot medium	
60068-2-27   PWIS conformity   VDMA24364-B1/B2-L     Medium temperature   -10 60 °C     Sound pressure level   85 dB(A)     Pilot medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]     Ambient temperature   -10 60 °C     Product weight   550 g     Mounting type   On subbase   With through-hole and screw     Pilot air port 14   Connection plate size 2 as per ISO 5599-1     Pneumatic connection, port 1   Connection plate size 2 as per ISO 5599-1     Pneumatic connection, port 2   Connection plate size 2 as per ISO 5599-1     Pneumatic connection, port 3   Connection plate size 2 as per ISO 5599-1     Pneumatic connection, port 4   Connection plate size 2 as per ISO 5599-1     Pneumatic connection, port 5   Connection plate size 2 as per ISO 5599-1     Pneumatic connection, port 5   Connection plate size 2 as per ISO 5599-1     Materials note   Conforms to RoHS     Materials seals   HNBR   NBR     NBR	Vibration resistance	
Medium temperature  Sound pressure level  85 dB(A)  Pilot medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature  -10 60 °C  Product weight  550 g  Mounting type  On subbase With through-hole and screw  Pilot air port 14  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 1  Pneumatic connection, port 2  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 3  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 3  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Connection plate size 2 as per ISO 5599-1  Connection plate size 2 as per ISO 5599-1  HNBR  Material seals  HNBR  NBR	Shock resistance	· ·
Medium temperature  Sound pressure level  85 dB(A)  Pilot medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature  -10 60 °C  Product weight  550 g  Mounting type  On subbase With through-hole and screw  Pilot air port 14  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 1  Pneumatic connection, port 2  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 3  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 3  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Connection plate size 2 as per ISO 5599-1  Connection plate size 2 as per ISO 5599-1  HNBR  Material seals  HNBR  NBR	PWIS conformity	VDMA24364-B1/B2-L
Sound pressure level  85 dB(A)  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature  -10 60 °C  Product weight  550 g  Mounting type  On subbase With through-hole and screw  Pilot air port 14  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 1  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 2  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 3  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 3  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Connection plate size 2 as per ISO 5599-1  Materials note  Conforms to RoHS  HNBR  NBR	-	
Pilot medium  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature  -10 60 °C  Product weight  550 g  Mounting type  On subbase With through-hole and screw  Pilot air port 14  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 1  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 2  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 3  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  HNBR NBR	•	85 dB(A)
Ambient temperature -10 60 °C Product weight 550 g  Mounting type On subbase With through-hole and screw  Pilot air port 14 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 1 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 2 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 3 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 4 Connection plate size 2 as per ISO 5599-1 Connection plate size 2 as per ISO 5599-1 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Connection plate size 2 as per ISO 5599-1  Materials note HNBR NBR	Pilot medium	• • •
Product weight  550 g  Mounting type  On subbase With through-hole and screw  Pilot air port 14  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 1  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 2  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 3  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Connection plate size 2 as per ISO 5599-1  Connection plate size 2 as per ISO 5599-1  Materials note  Conforms to RoHS  HNBR  NBR	Ambient temperature	
Mounting type  On subbase With through-hole and screw  Pilot air port 14  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 1  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 2  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 3  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  HNBR  Material seals  HNBR  NBR	•	
With through-hole and screw  Pilot air port 14 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 1 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 2 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 3 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 4 Connection plate size 2 as per ISO 5599-1 Pneumatic connection, port 5 Connection plate size 2 as per ISO 5599-1 Connection plate size 2 as per ISO 5599-1  Materials note Conforms to RoHS HNBR NBR	Mounting type	
Pilot air port 14  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 1  Pneumatic connection, port 2  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 3  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  HNBR  NBR		With through-hole and screw
Pneumatic connection, port 1  Pneumatic connection, port 2  Pneumatic connection, port 3  Pneumatic connection, port 3  Pneumatic connection, port 4  Pneumatic connection, port 4  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  HNBR  NBR	Pilot air port 14	
Pneumatic connection, port 2  Pneumatic connection, port 3  Connection plate size 2 as per ISO 5599-1  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Connection plate size 2 as per ISO 5599-1  Conforms to RoHS  HNBR  NBR	Pneumatic connection, port 1	
Pneumatic connection, port 3  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Connection plate size 2 as per ISO 5599-1  Conforms to RoHS  HNBR  NBR	Pneumatic connection, port 2	·
Pneumatic connection, port 4  Connection plate size 2 as per ISO 5599-1  Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Conforms to RoHS  Material seals  HNBR  NBR	Pneumatic connection, port 3	
Pneumatic connection, port 5  Connection plate size 2 as per ISO 5599-1  Materials note  Conforms to RoHS  HNBR  NBR	Pneumatic connection, port 4	, ,
Materials note Conforms to RoHS Material seals HNBR NBR	Pneumatic connection, port 5	
Material seals HNBR NBR	Materials note	
	Material seals	HNBR
	Material housing	Aluminum die cast