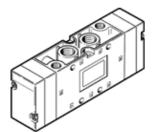
## pneumatic valve VL-5/3G-3/8-B-EX Part number: 536048

5/3-way function, centre position closed



## **Data sheet**

| Value function     5/2 closed       Type of actuation     pneumatic       Width     40 mm       Standard nominal flow rate     2,0001/min       Operating pressure     0.9 10 bar       Design structure     Piston slide       Type of reset     mechanical spring       CE mark (see declaration of conformity)     to EU directive explosion protection (ATEX)       ATEX category Gas     II 2G       ATEX category Gas     II 2G       Explosion ignition protection type Gas     Exh IIC T4 Gb       Explosion ignition protection type Dust     Exh IIC T130°C Ob       Explosion ignition protection type Dust     Exh IIC T130°C Ob       Explosion ignition protection type Dust     Exh IIC T130°C Ob       Explosion ignition protection type Dust     Exh IIC T4 Gb       Explosion ignition protection type Dust     Exh IIC T130°C Ob       Explosion ignition protection type Dust     Exh IIC T30°C Ob       Explosion ignition protection type Dust     Exh IIC T30°C Ob       Scaling principle     Soft       Assembly position     Any       Manual override     None       Type of ploling     Preversible  | Feature                                 | Value  |
|---|---|--|
| Width 40 mm   Standard nominal flow rate 2,000 l/min   Operating pressure -0,   | Valve function                          | 5/3 closed   |
| Width 40 mm   Standard nominal flow rate 2,000 l/min   Operating pressure 0.910 bar   Design structure Piston slide   Type of reset mechanical spring   CE mark (see declaration of conformity) to EU directive explosion protection (ATEX)   ATEX category Oas 11.26   ATEX category Oas 11.26   ATEX category Oas 11.26   ATEX category Oas 11.20   Explosion ignition protection type Dust Exh IIIC T130°C Ob   Explosion ignition protection type Dust Exh IIIC T130°C Ob   Explosion ignition protection type Dust Exh IIIC T130°C Ob   Explosion ignition protection type Dust Exh IIIC T130°C Ob   Explosion ignition protection type Dust Exh IIIC T130°C Ob   Explosion ignition protection type Dust Exh IIIC T130°C Ob   Explosion ignition protection type Dust Exh IIIC T130°C Db   Explosion ignition protection type Dust Exh IIIC T130°C Db   Explosion ignition protection 41 mm   Exhaust-air function 41 mm   Exhaust-air function Any   Assembly position Any   Manual override None   Type of ploting direct   Pilot pressure 3 10 bar   Max. switching frequency </td <td>Type of actuation</td> <td>pneumatic</td>   | Type of actuation                       | pneumatic  |
| Operating pressure     -0.910 bar       Design structure     Piston side       Type of reset     mechanical spring       CE mark (see declaration of conformity)     to EU directive explosion protection (ATEX)       ATEX category Dust     II 20       Explosion ignition protection type Dust     EX h IIC T130°C Db       Explosion ignition protection type Dust     EX h IIC T130°C Db       Explosion ignition protection type Dust     EX h IIC T130°C Db       Explosion proof ambient temperature     10°C (~ Ta (~ 460°C       Nominal size     12 mm       Grid dimension     41 mm       Exhaustair function     throttleable       Seading principle     soft       Assembly position     Any       Manual override     None       Type of piloting     direct       Pilot ari supply     external       Cow relap     Positive overlap       Pilot pressure     3 10 bar       Max. switching time on     7 ms       Switching time on     7 ms       Switching time or eversal     54 ms       Operating medium     Compressed air in accordance with 1508573-1:2010 [7:4:4]   |   | 40 mm  |
| Operating pressure     -0.910 bar       Design structure     Piston side       Type of reset     mechanical spring       CE mark (see declaration of conformity)     to EU directive explosion protection (ATEX)       ATEX category Dust     II 20       Explosion ignition protection type Dust     EX h IIC T130°C Db       Explosion ignition protection type Dust     EX h IIC T130°C Db       Explosion ignition protection type Dust     EX h IIC T130°C Db       Explosion proof ambient temperature     10°C (~ Ta (~ 460°C       Nominal size     12 mm       Grid dimension     41 mm       Exhaustair function     throttleable       Seading principle     soft       Assembly position     Any       Manual override     None       Type of piloting     direct       Pilot ari supply     external       Cow relap     Positive overlap       Pilot pressure     3 10 bar       Max. switching time on     7 ms       Switching time on     7 ms       Switching time or eversal     54 ms       Operating medium     Compressed air in accordance with 1508573-1:2010 [7:4:4]   | Standard nominal flow rate              | 2.000 l/min  |
| Design structure     Piston slide       Type of reset     mechanical spring       CE mark (see declaration of conformity)     to EU directive explosion protection (ATEX)       ATEX category Gas     II 20       ATEX category Oust     II 20       Explosion ignition protection type Dust     Exh III C TA Gb       Explosion ignition protection type Dust     Exh IIII C TA G* C OD       Explosion ignition protection type Dust     Exh IIII C TA G* C OC       Rominal size     12 mm       Grid dimension     41 mm       Exhaust air function     throttleable       Sealing principle     soft       Assembly position     Any       Manual override     None       Pype of pilofng     direct       Pilot air supply     external       Flow direction     reversible       Overlap     Positive overlap       Pilot pressure     310 bar       Max. switching frequency     3 Hz       Switching time eversal     54 ms       Operating medium     Compressed air in accordance with ISO8573-1:2010 [7:4:4]       Note on operating and pilot medium     Libricated operation possible   | Operating pressure                      |  |
| Type of reset     mechanical spring       CE mark (see declaration of conformity)     to EU directive explosion protection (ATEX)       ATEX category Gas     II 26       ATEX category Gas     II 20       Explosion ignition protection type Gas     Ex h IIC TA Gb       Explosion ignition protection type Gas     Ex h IIC TA Gb       Explosion ignition protection type Gas     Ex h IIC TA Gb       Explosion ignition protection type Gas     Ex h IIC TA Gb       Explosion ignition protection type Gas     Ex h IIC TA Gb       Explosion ignition protection type Gas     Ex h IIC TA Gb       Explosion ignition protection type Dust     Ex h IIC TA Gb       Explosion ignition protection type Dust     Ex h IIC TA Gb       Explosion ignition protection type Gas     Ex h IIC TA Gb       Sealing principle     Soft       Assembly position     Any       Manual override     None       Type of piloting     direct       Pilot aris supply     external       Flow direction     reversible       Overlap     Positive overlap       Pilot pressure     3 10 bar       Max. switching time on     7 ms   | , _,                                    |  |
| CE mark (see declaration of conformity)   to EU directive explosion protection (ATEX)     ATEX category Gas   II 2G     ATEX category Dust   II 2D     Explosion ignition protection type Gas   Ex h IIC T130°C Db     Explosion ignition protection type Dust   Ex h IIC T130°C Db     Explosion-proof ambient temperature   -10°C (~ Ta (~ + 60°C)     Nominal size   12 mm     Grid dimension   41 mm     Exhaust-air function   throttleable     Sealing principle   Soft     Assembly position   Any     Manual override   None     Type of ploting   direct     Pilot air supply   external     Flow direction   reversible     Overlap   Positive overlap     Pilot resure   310 bar     Max. switching frequency   3 Hz     Switching time off   28 ms     Switching time off   28 ms     Switching time off   28 ms     Switching time off   44 ms     Corrosion resistance classification CRC   1 - Low corrosion stress     Storage temperature   -40 60 °C     Medium temperature   -10   |   |  |
| ATEX category Gas   II 26     ATEX category Dust   II 20     Explosion ignition protection type Gas   Ex h IIC T4 Gb     Explosion ignition protection type Dust   Ex h IIC T3 0°C Db     Explosion ignition protection type Dust   Ex h IIC T3 0°C Db     Explosion ignition protection type Dust   Ex h IIC T3 0°C Db     Explosion ignition protection type Dust   Ex h IIC T3 0°C Db     Explosion ignition protection type Dust   Ex h IIC T3 0°C Db     Explosion ignition protection type Dust   Ex h IIC T3 0°C Db     Sealing principle   10°C (~ Ta (~ + 60°C)     Sealing principle   soft     Assembly position   Any     Manual override   None     Type of piloting   direct     Pilot ar supply   external     Flow direction   reversible     Overlap   Positive overlap     Pilot pressure   3   |   |  |
| ATEX category Dust   II 2D     Explosion ignition protection type Dust   Ex h IIC T3 0°C Db     Explosion ignition protection type Dust   Ex h IIC T3 0°C Db     Explosion ignition protection type Dust   Ex h IIC T3 0°C Db     Explosion ignition protection type Dust   Ex h IIC T3 0°C Db     Common State   12 mm     Grid dimension   41 mm     Exhaust-air function   throttleable     Sealing principle   soft     Assembly position   Any     Manual override   None     Type of piloting   direct     Pilot air supply   external     Flow direction   reversible     Overlap   Positive overlap     Polit pressure   3 10 bar     Max. switching frequency   3 Hz     Switching time off   28 ms     Switching time eversal   54 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)     Corrosion resistance classification CRC   1 - Low corrosion stress     Storage temperature   4060 °C  |   |  |
| Explosion ignition protection type GasExh IIIC TA GbExplosion protection type DustExh IIIC TI30°C DbExplosion proof ambient temperature10°C (~ Ta C + 60°CNominal size12 mmGrid dimension41 mmExhaust-air functionthrottleableSealing principlesoftAssembly positionAnyManual overrideNoneType of pilotingdirectPilot air supplyexternalFlow directionreversibleOverlapPositive overlapPilot pressure3 10 barMax. switching frequency3 HzSwitching time ond28 msSwitching time reversal54 msOperating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further<br>operation)Corrosion resistance classification CRC1 - Low corrosion stressStorage temperature-40 60 °CHeid uter metersal60 gMounting typewith Hrough holePilot ar port 1261/8Pilot ar port 1463/8Pneumatic connection, port 363/8Pneumatic connection, port 463/8Pneumatic connection, port 563/8  |   |  |
| Explosion ignition protection type DustExh IIIC T130°C DbExplosion-proof ambient temperature-10°C (= Ta (= +60°C)Nominal size12 mmGrid dimension41 mmExhaust-air functionthrottleableSealing principlesoftAssembly positionAnyManual overrideNoneType of pilotingdirectPilot air supplyexternalFlow directionreversibleOverlapPositive overlapPilot pressure3 10 barMax. switching frequency3 HzSwitching time off28 msSwitching time nerversal54 msOperating mediumCompressed air in accordance with IS08573-1:2010[7:4:4]Note on operating and pilot mediumUbricated operation possible (subsequently required for further<br>operation)Corrosion resistance classification CRC1 - Low corrosion stressStorage temperature-40 60 °CProduct weight680 gMounting typewith through holePilot ap or 12G1/8Pilot ap or 14G1/8Pilot ap or 14G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Pneumatic connection, port 5G3/8  |   |  |
| Explosion-proof ambient temperature-10°C <= Ta <= +60°CNominal size12 mmGrid dimension41 mmExhaust-air functionthrottleableSealing principlesoftAssembly positionAnyManual overrideNoneType of pilotingdirectPilot air supplyexternalFlow directionreversibleOverlap9aitleo verlapPilot pressure3 10 barMax. switching frequency3 HzSwitching time off28 msSwitching time on7 msSwitching time applot mediumLubricated operation possible (subsequently required for further<br>operation)Corrosion resistance classification CRC1 - Low corrosion stressStorage temperature-10 60 °CProduct weight680 gMounting typewith through holePilot ar port 12G1/8Pilot ar port 12G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5 <td></td> <td></td>   |   |  |
| Nominal size12 mmGrid dimension41 mmExhaust-air functionthrottleableSealing principlesoftAssembly positionAnyManual overrideNoneType of pilotingdirectPilot air supplyexternalFlow directionreversibleOverlapPositive overlapPilot pressure3 10 barMax. switching frequency3 HzSwitching time off28 msSwitching time off28 msSwitching time eversal54 msOperating mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further<br>operation)Corrosion resistance classification CRC1 - Low corrosion stressStorage temperature-40 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Ambient temperature-10 60 °CPilot air port 1261/8Pilot air port 1263/8Pheumatic connection, port 263/8Pneumatic connection, port 363/8Pneumatic connection, port 463/8Pneumatic connection, port 563/8Pneumatic connection, port 563/8   |   |  |
| Grid dimension   41 mm     Exhaust-air function   throttleable     Sealing principle   soft     Assembly position   Any     Manual override   None     Type of piloting   direct     Filot air supply   external     Flow direction   reversible     Overlap   Positive overlap     Pilot pressure   3 10 bar     Max. switching frequency   3 Hz     Switching time onff   28 ms     Switching time on   7 ms     Switching time on   7 ms     Switching time onglot 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)     Corrosion resistance classification CRC   1 - Low corrosion stress     Storage temperature   -40 60 °C     Product weight   680 g     Monuting type   with through hole     Pilot air port 12   G1/8     Product weight   680 g     Mounting type   with through hole     Pilot air port 12   G3/8     Pneumatic connection, port 1  | , , ,                                   |  |
| Exhaust-air functionthrottleableSealing principlesoftAssembly positionAnyManual overrideNoneType of pilotingdirectPilot air supplyexternalFlow directionreversibleOverlapPositive overlapPilot pressure3 10 barMax. switching frequency3 HzSwitching time on7 msSwitching time reversal54 msOperating mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Note on operating and pilot medium10-m corrosion stressStorage temperature40 60 °CMedium temperature10 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Ambient temperature10 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Ambient temperature10 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Ambient temperature10 60 °CProduct weight680 gMounting typewith through holePilot air port 1261/8Pilot air port 1461/8Pneumatic connection, port 363/8Pneumatic connection, port 363/8Pneumatic connection, port 463/8Pneumatic connection, port 563/8Materials noteConforms to ROHS  |   |  |
| Sealing principlesoftAssembly positionAnyManual overrideNoneType of pilotingdirectPilot air supplyexternalFlow directionreversibleOverlapPositive overlapPlot pressure3 10 barMax. switching frequency3 HzSwitching time off28 msSwitching time on7 msSwitching time on7 msSwitching time on on operating and pilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further<br>operation)Corrosion resistance classification CRC1 · Low corrosion stressStorage temperature40 60 °CPlot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 60 °CPlot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 60 °CPlot arigity to appressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 60 °CPlot arigity to appressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 60 °CProduct weight680 gMounting typewith through holePilot air port 12G1/8Pilot air port 14G3/8Pneumatic connection, port 2G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3 |   |  |
| Assembly positionAnyManual overrideNoneType of pilotingdirectPilot air supplyexternalFlow directionreversibleOverlapPositive overlapPilot pressure3 10 barMax. switching frequency3 HzSwitching time off28 msSwitching time reversal54 msOperating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further<br>operation)Corrosion resistance classification CRC1 - Low corrosion stressStorage temperature-40 60 °CPilot megature-10 60 °CPilot air port 12G1/8Pilot air port 12G1/8Pilot air port 14G1/8Pneumatic connection, port 2G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Materials noteConforms to RoHS  |   |  |
| Manual override   None     Type of piloting   direct     Pilot air supply   external     Flow direction   reversible     Overlap   Positive overlap     Pilot pressure   3 10 bar     Max. switching frequency   3 Hz     Switching time off   28 ms     Switching time on   7 ms     Switching time reversal   54 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)     Corrosion resistance classification CRC   1 - Low corrosion stress     Storage temperature   -40 60 °C     Medium temperature   -10 60 °C     Pilot medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]     Ambient temperature   -10 60 °C     Product weight   680 g     Mounting type   with through hole     Pilot air port 12   G1/8     Pilot air port 12   G3/8     Pneumatic connection, port 1   G3/8     Pneumatic connection, port 2   G3/8     Pneumatic connection, port 3 <t< td=""><td></td><td></td></t<>  |   |  |
| Type of pilotingdirectPilot air supplyexternalFlow directionreversibleOverlapPositive overlapPilot pressure3 10 barMax. switching frequency3 HzSwitching time off28 msSwitching time off28 msSwitching time reversal54 msOperating mediumCompressed air in accordance with IS08573-1:2010[7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further<br>operation)Corrosion resistance classification CRC1 - Low corrosion stressStorage temperature-40 60 °CMedium temperature-10 60 °CPilot mediumCompressed air in accordance with IS08573-1:2010[7:4:4]Ambient temperature-10 60 °CProduct weight680 gMounting typewith through holePilot air port 12G1/8Pilot air port 14G3/8Pneumatic connection, port 2G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 5G3/8Materials noteConforms to RoHS  |   |  |
| Pilot air supplyexternalFlow directionreversibleOverlapPositive overlapPilot pressure3 10 barMax. switching frequency3 HzSwitching time onf28 msSwitching time on7 msSwitching time reversal54 msOperating mediumCompressed air in accordance with IS08573-1:2010[7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further<br>operation)Corrosion resistance classification CRC1 - Low corrosion stressStorage temperature-40 60 °CMedium temperature-10 60 °CPilot mediumCompressed air in accordance with IS08573-1:2010[7:4:4]Ambient temperature-10 60 °CPilot mediumCompressed air in accordance with IS08573-1:2010[7:4:4]Ambient temperature-10 60 °CPilot air port 1261/8Pilot air port 12G1/8Pilot air port 14G1/8Pneumatic connection, port 2G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Materials noteConforms to RoHS   |   |  |
| Flow directionreversibleOverlapPositive overlapPilot pressure3 10 barMax. switching frequency3 HzSwitching time off28 msSwitching time on7 msSwitching time reversal54 msOperating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further<br>operation)Corrosion resistance classification CRC1 - Low corrosion stressStorage temperature-40 60 °CMedium temperature-10 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 60 °CPilot are during680 gMounting typewith through holePilot air port 12G1/8Pilot air port 12G3/8Pneumatic connection, port 1G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Materials noteConforms to RoHS  |   |  |
| OverlapPositive overlapPilot pressure3 10 barMax. switching frequency3 HzSwitching time off28 msSwitching time on7 msSwitching time reversal54 msOperating mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further<br>operation)Corrosion resistance classification CRC1 - Low corrosion stressStorage temperature-40 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Ambient temperature-10 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Ambient temperature-10 60 °CPilot air port 12G1/8Pilot air port 12G1/8Pilot air port 12G1/8Pneumatic connection, port 1G3/8Pneumatic connection, port 2G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Materials noteConforms to RoHS  |   |  |
| Pilot pressure   3 10 bar     Max. switching frequency   3 Hz     Switching time off   28 ms     Switching time on   7 ms     Switching time reversal   54 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)     Corrosion resistance classification CRC   1 - Low corrosion stress     Storage temperature   -40 60 °C     Pilot medium   Compressed air in accordance with ISO8573-1:2010[7:4:4]     Ambient temperature   -10 60 °C     Pilot medium   Compressed air in accordance with ISO8573-1:2010[7:4:4]     Ambient temperature   -10 60 °C     Product weight   680 g     Mounting type   with through hole     Pilot air port 12   G1/8     Pilot air port 14   G1/8     Pneumatic connection, port 3   G3/8     Pneumatic connection, port 4   G3/8     Pneumatic connection, port 5   G3/8     Pneumatic connection, port 5   G3/8   |   |  |
| Max. switching frequency   3 Hz     Switching time off   28 ms     Switching time on   7 ms     Switching time reversal   54 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)     Corrosion resistance classification CRC   1 - Low corrosion stress     Storage temperature   -40 60 °C     Medium temperature   -10 60 °C     Pilot medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]     Ambient temperature   -10 60 °C     Product weight   680 g     Mounting type   with through hole     Pilot air port 12   G1/8     Pilot air port 14   G3/8     Pneumatic connection, port 2   G3/8     Pneumatic connection, port 3   G3/8     Pneumatic connection, port 4   G3/8     Pneumatic connection, port 5   G3/8     Pneumatic connection, port 5   G3/8   |   |  |
| Switching time off28 msSwitching time on7 msSwitching time reversal54 msOperating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further<br>operation)Corrosion resistance classification CRC1 - Low corrosion stressStorage temperature-40 60 °CMedium temperature-10 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 60 °CProduct weight680 gMounting typewith through holePilot air port 12G1/8Pilot air port 14G1/8Pneumatic connection, port 1G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Materials noteConforms to RoHS   | •                                       | -  |
| Switching time on7 msSwitching time reversal54 msOperating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further<br>operation)Corrosion resistance classification CRC1 - Low corrosion stressStorage temperature-40 60 °CMedium temperature-10 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 60 °CProduct weight680 gMounting typewith through holePilot air port 12G1/8Pilot air port 14G1/8Pneumatic connection, port 1G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Materials noteConforms to RoHS  |   | -  |
| Switching time reversal54 msOperating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further<br>operation)Corrosion resistance classification CRC1 - Low corrosion stressStorage temperature-40 60 °CMedium temperature-10 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 60 °CProduct weight680 gMounting typewith through holePilot air port 12G1/8Pneumatic connection, port 1G3/8Pneumatic connection, port 2G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Materials noteConforms to RoHS  |   |  |
| Operating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further<br>operation)Corrosion resistance classification CRC1 - Low corrosion stressStorage temperature-40 60 °CMedium temperature-10 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 60 °CProduct weight680 gMounting typewith through holePilot air port 12G1/8Pilot air port 14G3/8Pneumatic connection, port 2G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Materials noteConforms to RoHS   |   |  |
| Note on operating and pilot mediumLubricated operation possible (subsequently required for further<br>operation)Corrosion resistance classification CRC1 - Low corrosion stressStorage temperature-40 60 °CMedium temperature-10 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 60 °CProduct weight680 gMounting typewith through holePilot air port 12G1/8Pheumatic connection, port 1G3/8Pneumatic connection, port 2G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8  |   |  |
| operation)Corrosion resistance classification CRC1 - Low corrosion stressStorage temperature-40 60 °CMedium temperature-10 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 60 °CProduct weight680 gMounting typewith through holePilot air port 12G1/8Pneumatic connection, port 1G3/8Pneumatic connection, port 2G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8  |   |  |
| Storage temperature-40 60 °CMedium temperature-10 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 60 °CProduct weight680 gMounting typewith through holePilot air port 12G1/8Pilot air port 14G1/8Pneumatic connection, port 1G3/8Pneumatic connection, port 2G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Pneumatic connection, port 5G3/8  | Note on operating and pilot medium      |  |
| Medium temperature-10 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 60 °CProduct weight680 gMounting typewith through holePilot air port 12G1/8Pilot air port 14G1/8Pneumatic connection, port 1G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Materials noteConforms to RoHS  | Corrosion resistance classification CRC | 1 - Low corrosion stress                                 |
| Pilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 60 °CProduct weight680 gMounting typewith through holePilot air port 12G1/8Pilot air port 14G1/8Pneumatic connection, port 1G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Pneumatic connection, port 5G3/8   | Storage temperature                     | -40 60 °C  |
| Ambient temperature-10 60 °CProduct weight680 gMounting typewith through holePilot air port 12G1/8Pilot air port 14G1/8Pneumatic connection, port 1G3/8Pneumatic connection, port 2G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8   | Medium temperature                      | -10 60 °C  |
| Product weight680 gMounting typewith through holePilot air port 12G1/8Pilot air port 14G1/8Pneumatic connection, port 1G3/8Pneumatic connection, port 2G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Pneumatic connection, port 5G3/8   | Pilot medium                            | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Mounting typewith through holePilot air port 12G1/8Pilot air port 14G1/8Pneumatic connection, port 1G3/8Pneumatic connection, port 2G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Materials noteConforms to RoHS  | Ambient temperature                     | -10 60 °C  |
| Pilot air port 12G1/8Pilot air port 14G1/8Pneumatic connection, port 1G3/8Pneumatic connection, port 2G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Materials noteConforms to RoHS  | Product weight                          | 680 g  |
| Pilot air port 12G1/8Pilot air port 14G1/8Pneumatic connection, port 1G3/8Pneumatic connection, port 2G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Materials noteConforms to RoHS  | Mounting type                           | with through hole  |
| Pilot air port 14G1/8Pneumatic connection, port 1G3/8Pneumatic connection, port 2G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Materials noteConforms to RoHS   |   | -  |
| Pneumatic connection, port 1G3/8Pneumatic connection, port 2G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Materials noteConforms to RoHS  |   |  |
| Pneumatic connection, port 2G3/8Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Materials noteConforms to RoHS  |   |  |
| Pneumatic connection, port 3G3/8Pneumatic connection, port 4G3/8Pneumatic connection, port 5G3/8Materials noteConforms to RoHS  |   |  |
| Pneumatic connection, port 4 G3/8   Pneumatic connection, port 5 G3/8   Materials note Conforms to RoHS   |   |  |
| Pneumatic connection, port 5 G3/8   Materials note Conforms to RoHS   | · •                                     |  |
| Materials note Conforms to RoHS   |   |  |
|   |   |  |
|   | Material seals                          | NBR  |
| Material housing Aluminium die cast   |   |  |

2

**FESTO** 

