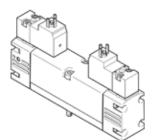
## Solenoid valve VSVA-B-B52-ZH-A1-3AC1 Part number: 547234

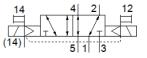
With square plug, shape C



## Data sheet

| Feature                                      | Value  |
|--|--|
| Valve function                               | 5/2 bistable   |
| Type of actuation                            | electrical   |
| Valve size                                   | 26 mm  |
| Standard nominal flow rate                   | 1,100 l/min  |
| Operating pressure MPa                       | -0.09 1.6 MPa  |
| Working pressure                             | -0.9 16 bar  |
| Design structure                             | Piston slide   |
| CE symbol (see declaration of conformity)    | according to EU low voltage guideline                                  |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC   |
| Protection class                             | IP65   |
|  | NEMA 4   |
| Nominal size                                 | 9 mm   |
| Exhaust-air function                         | throttleable   |
| Sealing principle                            | soft   |
| Assembly position                            | Any  |
| Conforms to standard                         | ISO 15407-1  |
|  | VDMA 24563   |
| Manual override                              | Pushing  |
| Type of piloting                             | Piloted  |
| Pilot air supply                             | external   |
| Flow direction                               | reversible   |
| Lap  | Positive overlap   |
| Signal status display                        | LED  |
| Pilot pressure MPa                           | 0.3 1 MPa  |
| Pilot pressure                               | 3 10 bar   |
| Flow rate of valve                           | 1,400 l/min  |
| Flow rate of valve on individual subbase     | 1,100 l/min  |
| Flow rate of pneumatically linked valve      | 1,100 l/min  |
| Switching time reversal                      | 18 ms  |
| Duty cycle                                   | 100 %  |
| Characteristic coil data                     | 230 V AC: 50/60 Hz, pick-up power 2.9 VA, holding power 2.1 VA         |
| Permissible voltage fluctuation              | -15 % / +10 %  |
| Operating medium                             | Compressed air in accordance with ISO8573-1:2010 [7:4:4]               |
| Note on operating and pilot medium           | Lubricated operation possible (subsequently required for further       |
|  | operation)   |
| Vibration resistance                         | Transport application test at severity level 2 in accordance with FN   |
|  | 942017-4 and EN 60068-2-6  |
| Shock resistance                             | Shock test with severity level 2 in accordance with FN 942017-5 and EN |
|  | 60068-2-27   |
| Corrosion resistance classification CRC      | 0 - No corrosion stress  |
| PWIS conformity                              | VDMA24364-B1/B2-L  |
| Medium temperature                           | -5 50 °C   |
| Relative air humidity                        | 0 - 90 %   |
| Sound pressure level                         | 85 dB(A)   |

**FESTO** 



## FESTO

| Feature                                | Value  |
|--|--|
| Pilot medium                           | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Ambient temperature                    | -5 50 °C   |
| Max. tightening torque, valve mounting | 2 Nm   |
| Product weight                         | 305 g  |
| Electrical connection                  | Plug pattern type C to EN 175301-803                     |
|  | With mains earth   |
|  | Per DIN EN 175301-803                                    |
| Mounting type                          | On subbase   |
| Auxiliary pilot air port 12            | Connection plate size 26 mm, according to ISO 15407-1    |
| Auxiliary pilot air port 14            | Connection plate size 26 mm, according to ISO 15407-1    |
| Pilot exhaust port 82/84               | Not ducted as per standard                               |
|  | Ducted   |
| Pneumatic connection, port 1           | Connection plate size 26 mm, according to ISO 15407-1    |
| Pneumatic connection, port 2           | Connection plate size 26 mm, according to ISO 15407-1    |
| Pneumatic connection, port 3           | Connection plate size 26 mm, according to ISO 15407-1    |
| Pneumatic connection, port 4           | Connection plate size 26 mm, according to ISO 15407-1    |
| Pneumatic connection, port 5           | Connection plate size 26 mm, according to ISO 15407-1    |
| Pilot interface                        | According to ISO 15218                                   |
| Materials note                         | Conforms to RoHS   |
| Material seals                         | HNBR   |
|  | NBR  |
| Material housing                       | Aluminum die cast  |
| Material screws                        | Steel  |
|  | Galvanized   |