

Pneumatic valve VSPA-B-B52-A1

Part number: 546714

FESTO



[PDF](#) General operating condition

Data sheet

| Feature | Value |
|--|---|
| Valve function | 5/2-way, bistable |
| Actuation type | Pneumatic |
| Width | 26 mm |
| Normal nominal flow rate (normalized to DIN 1343) | 1100 l/min |
| Pneumatic working port | Sub-base, size 26 mm according to ISO 15407-1 Connecting plate size 01 according to VDMA 24563 G1/4 |
| Operating pressure | -0.9 bar ... 16 bar |
| Structural design | Piston gate valve |
| Nominal width | 9 mm |
| Exhaust air function | Adjustable |
| Sealing principle | Soft |
| Mounting position | Any |
| Conforms to standard | ISO 15407-1 VDMA 24563 |
| Type of control | directly |
| Flow direction | Reversible |
| Symbol | 00991037 |
| Lap | Positive overlap |
| Pilot pressure | 2 bar ... 10 bar |
| Flow rate of pneumatic valve | 1400 l/min |
| Flow rate of pneumatic valve on individual sub-base | 1100 l/min |
| Optimized flow rate of pneumatic valve pneumatically concatenated flow | 1100 l/min |
| Changeover time | 10 ms |
| Explosion prevention and protection | Zone 2 (ATEX) Zone 22 (ATEX) |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC) | 0 - No corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Temperature of medium | -10 °C ... 60 °C |
| Relative air humidity | 0 - 90% |
| Pilot medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Ambient temperature | -10 °C ... 60 °C |
| Max. tightening torque for valve mounting | 1.8 Nm ... 2.2 Nm |
| Product weight | 180 g |
| Pilot air port 12 | Sub-base, size 26 mm as per ISO 15407-1 |

| Feature | Value |
|------------------------|---|
| Pilot air port 14 | Sub-base, size 26 mm as per ISO 15407-1 |
| Pneumatic connection 1 | Sub-base, size 26 mm as per ISO 15407-1 |
| Pneumatic connection 2 | Sub-base, size 26 mm as per ISO 15407-1 |
| Pneumatic connection 3 | Sub-base, size 26 mm as per ISO 15407-1 |
| Pneumatic connection 4 | Sub-base, size 26 mm as per ISO 15407-1 |
| Pneumatic connection 5 | Sub-base, size 26 mm as per ISO 15407-1 |
| Note on materials | RoHS compliant |
| Seals material | NBR |
| Housing material | Die-cast aluminum |
| Material of screws | Steel Galvanized |