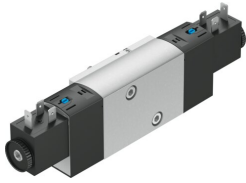


Air solenoid valve

VSNC-F-B52-D-G14-F8-1B2

FESTO

Part number: 577296



 General operating condition

Data sheet

| Feature | Value |
|---|--|
| Valve function | 5/2-way, bistable |
| Actuation type | Electrical |
| Width | 32 mm |
| Normal nominal flow rate (normalized to DIN 1343) | 1350 l/min |
| Pneumatic working port | NAMUR connection pattern |
| Operating voltage | 24V DC |
| Operating pressure | 0.15 MPa ... 1 MPa |
| Operating pressure | 1.5 bar ... 10 bar |
| Structural design | Piston gate valve |
| Certification | c UL us - recognized (OL) |
| Certificate issuing authority | DNVGL-TAA000011J |
| Degree of protection | IP65 IP67 With plug socket As per IEC 60529 |
| Exhaust air function | Adjustable |
| Sealing principle | Soft |
| Mounting position | Any |
| Conforms to standard | VDI/VDE 3845 (NAMUR) |
| Manual override | Detenting Non-detenting |
| Type of control | Piloted |
| Pilot air supply port | Internal |
| Flow direction | Non-reversible |
| Symbol | 00991005 |
| Lap | Positive overlap |
| Signal status display | With accessories |
| b-value | 0.4 |
| C value | 5.6 l/sbar |
| Changeover time | 11 ms |
| Duty cycle | 100% |
| Coil characteristics | 24 V DC: 3.3 W |
| Permissible voltage fluctuations | +/- 10% |
| 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) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |

| Feature | Value |
|-------------------------|--|
| Temperature of medium | -20 °C ... 60 °C |
| Ambient temperature | -20 °C ... 60 °C |
| Product weight | 440 g |
| Electrical connection | Form B Plug As per industry standard (11 mm) |
| Type of mounting | With through-hole |
| Venting hole connection | Not ducted |
| Pneumatic connection 1 | G1/4 |
| Pneumatic connection 2 | NAMUR connection pattern |
| Pneumatic connection 3 | G1/4 |
| Pneumatic connection 4 | NAMUR connection pattern |
| Pneumatic connection 5 | G1/4 |
| Note on materials | RoHS compliant |
| Seals material | NBR |
| Housing material | Wrought aluminum alloy |
| Material of screws | Galvanized steel |