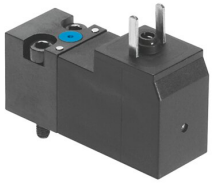
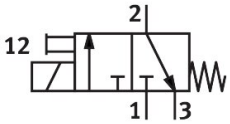
# Air solenoid valve
# VSCS-B-M32-MD-WA-5C1

Part number: 571062






## Data sheet

| Feature | Value |
|---|---|
| Valve function | 3/2-way, closed, monostable |
| Actuation type | Electrical |
| Width | 15 mm |
| Normal nominal flow rate (normalized to DIN 1343) | 18 l/min |
| Pneumatic working port | Sub-base, size 15 mm according to ISO 15218 |
| Operating voltage | 12V DC |
| Operating pressure | 0 MPa...1 MPa<br>0 bar...10 bar<br>0 psi...145 psi |
| Reset method | Mechanical spring |
| Degree of protection | IP65 |
| Sealing principle | Soft |
| Mounting position | Any |
| Conforms to standard | ISO 15218 |
| Manual override | Detenting<br>Non-detenting |
| Type of control | directly |
| Flow direction | Non-reversible |
| Lap | Negative overlap |
| Note on forced dynamization | Switching frequency at least once a week |
| Switching time off | 6 ms |
| On switching time | 6 ms |
| Duty cycle | 100% |
| Coil characteristics | 12 V DC: 1.8 W |
| Permissible voltage fluctuations | -15% / +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) |
| Vibration resistance | Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 |
| Shock resistance | Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27 |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-C1-L |

| Feature | Value |
|---|---|
| Temperature of medium | -10 °C...50 °C |
| Ambient temperature | -10 °C...50 °C |
| Electrical connection | Type C<br>As per DIN EN 175301-803 |
| Pneumatic connection 1 | Sub-base |
| Pneumatic connection 2 | Sub-base |
| Pneumatic connection 3 | Sub-base |
| Note on materials | RoHS compliant |
| Seals material | NBR |