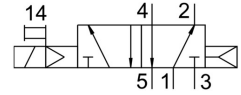


Air solenoid valve

VUVS-LK25-M52-AD-G14-1B2-S

FESTO

Part number: 8043218



Data sheet

| Feature | Value |
|--|--|
| Valve function | 5/2, monostable |
| Actuation type | Electrical |
| Valve size | 26.5 mm |
| Standard nominal flow rate | 1000 l/min |
| Pneumatic working port | G1/4 |
| Operating voltage | 24V DC |
| Operating pressure | 1.5 bar ... 8 bar |
| Structural design | Piston gate valve |
| Reset method | Pneumatic spring |
| Degree of protection | IP65 With plug socket as per IEC 60529 |
| Nominal width | 6.7 mm |
| Type code | VUVS |
| Exhaust air function | With flow control option |
| Sealing principle | Soft |
| Mounting position | Any |
| Manual override | Detenting Non-detenting |
| Type of control | Pilot-controlled |
| Pilot air supply port | Internal |
| Flow direction | Non-reversible |
| Symbol | 00991049 |
| Lap | Overlap |
| b-value | 0.45 |
| C value | 3.86 l/sbar |
| Switching time off | 22 ms |
| On switching time | 20 ms |
| Duty cycle | 100% |
| Max. positive test pulse with 0 signal | 2500 µs |
| Max. negative test pulse on 1 signal | 1100 µs |
| 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) |
| Vibration resistance | Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 |

| Feature | Value |
|----------------------------------|---|
| Shock resistance | Shock test with severity level 1 as per FN 942017-5 and EN 60068-2-27 |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| Temperature of medium | -5 °C ... 50 °C |
| Pilot medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Ambient temperature | -5 °C ... 50 °C |
| Product weight | 250 g |
| Electrical connection | Form B As per industrial standard (11 mm) |
| Type of mounting | Optionally: On terminal strip With through-hole |
| Venting hole connection | Not ducted |
| Pneumatic connection 1 | G1/4 |
| Pneumatic connection 2 | G1/4 |
| Pneumatic connection 3 | G1/4 |
| Pneumatic connection 4 | G1/4 |
| Pneumatic connection 5 | G1/4 |
| Note on materials | Contains paint-wetting impairment substances RoHS-compliant |
| Seals material | HNBR NBR |
| Housing material | Wrought aluminum alloy |
| Piston slide material | Wrought aluminum alloy |