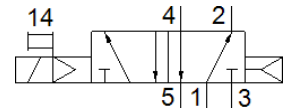
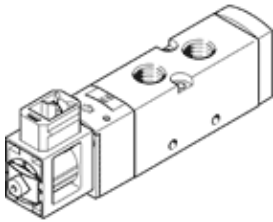


solenoid valve

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

Part number: 8043218
 ★ Core product range

FESTO



Data sheet

| Feature | Value |
|---|--|
| Valve function | 5/2 monostable |
| Type of actuation | electrical |
| Valve size | 26.5 mm |
| Standard nominal flow rate | 1,000 l/min |
| Operating pressure | 1.5 ... 8 bar |
| Design structure | Piston slide |
| Type of reset | Air spring |
| Protection class | IP65 to IEC 60529 with plug socket |
| Nominal size | 6.7 mm |
| Exhaust-air function | throttleable |
| Sealing principle | soft |
| Assembly position | Any |
| Manual override | detenting Pushing |
| Type of piloting | Piloted |
| Pilot air supply | Internal |
| Flow direction | non reversible |
| Freedom from overlap | Yes |
| b value | 0.45 |
| C value | 3.86 l/sbar |
| Switching time off | 22 ms |
| Switching time on | 20 ms |
| Duty cycle | 100% |
| Max. positive test pulse with logic 0 | 2,500 µs |
| Max. negative test pulse with logic 1 | 1,100 µs |
| Characteristic coil data | 24 V DC: 3.3 W |
| Permissible voltage fluctuation | +/- 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 1 in accordance with FN 942017-5 and EN 60068-2-27 |
| Corrosion resistance classification CRC | 1 - Low corrosion stress |
| Medium temperature | -5 ... 50 °C |
| Pilot medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Ambient temperature | -5 ... 50 °C |
| Product weight | 250 g |
| Electrical connection | Plug pattern type B to EN 175301-803 |
| Mounting type | Optional on manifold rail with through hole |
| Scavenging orifice connection | Non-ducted |

| Feature | Value |
|------------------------------|--|
| Pneumatic connection, port 1 | G1/4 |
| Pneumatic connection, port 2 | G1/4 |
| Pneumatic connection, port 3 | G1/4 |
| Pneumatic connection, port 4 | G1/4 |
| Pneumatic connection, port 5 | G1/4 |
| Materials note | Contains PWIS substances Conforms to RoHS |
| Material seals | HNBR NBR |
| Material housing | Wrought Aluminium alloy |
| Material Piston slide | Wrought Aluminium alloy |