

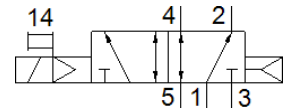
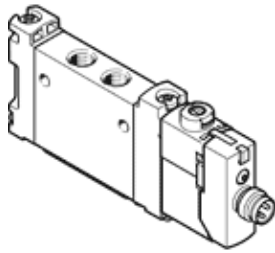
solenoid valve

VUVG-LK14-M52-AT-G18-1R8L-S

Part number: 8042567

★ Core product range

FESTO



Data sheet

| Feature | values |
|-----------------------------------------|------------------------------------------------------------------------------------------------|
| Valve function | 5/2 monostable |
| Type of actuation | electrical |
| Valve size | 14 mm |
| Standard nominal flow rate | 660 l/min |
| Operating pressure | 2.5 ... 7 bar |
| Design structure | Piston slide |
| Type of reset | Air spring |
| Protection class | IP65 |
| 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 |
| Note on forced dynamisation | Switching frequency at least once a week |
| Signal status display | LED |
| Max. switching frequency | 2 Hz |
| Switching time off | 24 ms |
| Switching time on | 14 ms |
| Duty cycle | 100% |
| Max. positive test pulse with logic 0 | 1,600 µs |
| Max. negative test pulse with logic 1 | 3,000 µs |
| Characteristic coil data | 22VDC:0,7 |
| 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 1 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 | 2 - Moderate 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 | 50 g |
| Electrical connection | Via electrical connection plate |
| Mounting type | on manifold rail with through hole |
| Pneumatic connection, port 2 | G1/8 |
| Pneumatic connection, port 4 | G1/8 |
| Materials note | Contains PWIS substances Conforms to RoHS |
| Materials information for seals | HNBR NBR |
| Materials information, housing | Wrought Aluminium alloy |