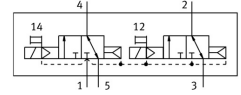
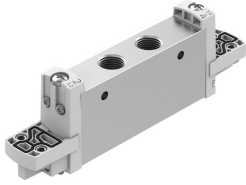


Air solenoid valve VUVG-L14-T32C-A-G18-P1

FESTO

Part number: 8033523



[PDF General operating condition](#)

Data sheet

| Feature | Value |
|--|--|
| Valve function | 2x3/2, closed, monostable |
| Actuation type | Electrical |
| Valve size | 14 mm |
| Standard nominal flow rate | 560 l/min |
| Pneumatic working port | G1/8 |
| Operating pressure | 0.15 MPa ... 0.8 MPa |
| Operating pressure | 1.5 bar ... 8 bar |
| Structural design | Piston gate valve |
| Reset method | Pneumatic spring |
| Certification | c UL us - Recognized (OL) |
| Certificate issuing authority | UL MH19482 |
| Degree of protection | IP65 With electrical pilot valve and plug socket |
| Nominal width | 4.6 mm |
| Exhaust air function | With flow control option |
| Sealing principle | Soft |
| Mounting position | Any |
| Type of control | Pilot-controlled |
| Pilot air supply port | Internal |
| Symbol | 00992904 |
| Lap | Overlap |
| Pilot pressure MPa | 0.15 MPa ... 0.8 MPa |
| Pilot pressure | 1.5 bar ... 8 bar |
| Suitability for vacuum | no |
| Switching time off | 18 ms |
| On switching time | 11 ms |
| Duty cycle | 100% |
| Max. positive test pulse with 0 signal | 700 µs |
| Max. negative test pulse on 1 signal | 900 µs |
| 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-B1/B2-L |

| Feature | Value |
|------------------------|---|
| Temperature of medium | -5 °C ... 60 °C |
| Ambient temperature | -5 °C ... 60 °C |
| Product weight | 65 g |
| Electrical connection | Via electric pilot valve |
| Type of mounting | Optionally: On terminal strip With through-hole |
| Pneumatic connection 1 | G1/8 |
| Pneumatic connection 2 | G1/8 |
| Pneumatic connection 3 | G1/8 |
| Pneumatic connection 4 | G1/8 |
| Pneumatic connection 5 | G1/8 |
| Pilot interface | as per ISO 15218 |
| Note on materials | RoHS-compliant |
| Seals material | HNBR NBR |
| Housing material | Wrought aluminum alloy |