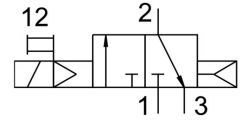


Air solenoid valve VUVS-LK20-M32C-AD-G18-1C1-S

FESTO

Part number: 8043213



Data sheet

| Feature | Value |
|--|--|
| Valve function | 3/2, closed, monostable |
| Lap | Overlap |
| Actuation type | Electrical |
| Valve size | 21 mm |
| Standard nominal flow rate | 550 l/min |
| Pneumatic working port | G1/8 |
| Operating voltage | 24V DC |
| Operating pressure | 1.5 bar ... 8 bar |
| Design | Piston gate valve |
| Reset method | Pneumatic spring |
| Degree of protection | IP65 With plug socket as per IEC 60529 |
| Nominal width | 5.2 mm |
| Type code | VUVS |
| Exhaust air function | With flow control option |
| Sealing principle | Soft |
| Mounting position | Any |
| Manual override | Non-detenting Detenting |
| Type of control | Pilot-controlled |
| Pilot air supply port | Internal |
| Flow direction | Non-reversible |
| Symbol | 00991183 |
| b-value | 0.38 |
| C value | 2.66 l/sbar |
| Switching time off | 20 ms |
| On switching time | 16 ms |
| Duty cycle | 100% |
| Max. positive test pulse with 0 signal | 2700 µs |
| Max. negative test pulse on 1 signal | 1100 µs |
| Coil characteristics | 24 V DC: 2.4 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 | 120 g |
| Electrical connection | Form C as per EN 175301-803 |
| Type of mounting | With through-hole On terminal strip Optionally: |
| Venting hole connection | Not ducted |
| Pneumatic connection 1 | G1/8 |
| Pneumatic connection 2 | G1/8 |
| Pneumatic connection 3 | G1/8 |
| Note on materials | RoHS-compliant Contains paint-wetting impairment substances |
| Seals material | NBR HNBR |
| Housing material | Wrought aluminum alloy |
| Piston slide material | Wrought aluminum alloy |