

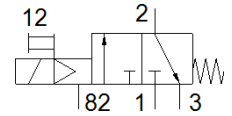
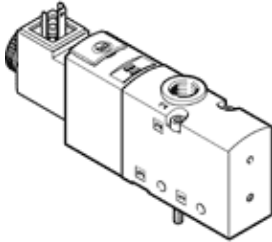
solenoid valve

VUVS-L20-M32C-MD-G18-F7-1C1

Part number: 575274

★ Core product range

FESTO



Data sheet

| Feature | values |
|---|--|
| Valve function | 3/2 closed, monostable |
| Type of actuation | electrical |
| Valve size | 21 mm |
| Standard nominal flow rate | 700 l/min |
| Operating pressure | 2.5 ... 10 bar |
| Design structure | Piston slide |
| Type of reset | mechanical spring |
| Protection class | IP65 to IEC 60529 with plug socket |
| Nominal size | 5.7 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 |
| Note on forced dynamisation | Switching frequency at least once a week |
| b value | 0.35 |
| C value | 2.9 l/sbar |
| Switching time off | 32 ms |
| Switching time on | 14 ms |
| Duty cycle | 100% |
| Max. positive test pulse with logic 0 | 1,900 µs |
| Max. negative test pulse with logic 1 | 2,700 µs |
| Characteristic coil data | 24 V DC: 2.5 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 2 in accordance with FN 942017-5 and EN 60068-2-27 |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| Medium temperature | -10 ... 60 °C |
| Pilot medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Ambient temperature | -10 ... 60 °C |
| Product weight | 170 g |
| Electrical connection | Design C |
| Mounting type | Optional on manifold rail with through hole |

| Feature | values |
|------------------------------------|-------------------------------|
| Scavenging orifice connection | Non-ducted |
| Pilot exhaust port 82 | M5 |
| Pneumatic connection, port 1 | G1/8 |
| Pneumatic connection, port 2 | G1/8 |
| Pneumatic connection, port 3 | G1/8 |
| Materials note | Conforms to RoHS |
| Materials information for seals | HNBR NBR |
| Materials information, housing | Aluminium die cast Painted |
| Material information, piston spool | Wrought Aluminium alloy |