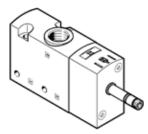
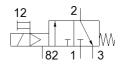
Solenoid valve VUVS-LT30-M32C-MD-N38-F8 Part number: 8036721



Data sheet

| Feature | Value |
|---|--|
| Valve function | 3/2 closed, monostable |
| Type of actuation | electrical |
| Valve size | 31 mm |
| Standard nominal flow rate | 1,600 l/min |
| Operating pressure MPa | 0.25 1 MPa |
| Working pressure | 2.5 10 bar |
| Design structure | Poppet seat |
| Type of reset | mechanical spring |
| Authorization | c UL us - Recognized (OL) |
| Nominal size | 7.9 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 |
| Lap | Underlap |
| b value | 0.4 |
| C value | 6 l/sbar |
| | 32 ms |
| Switching time off | 13 ms |
| Switching time on Max. positive test pulse with logic 0 | |
| | 2,000 μs |
| Max. negative test pulse with logic 1 Characteristic coil data | 3,600 µs |
| | See solenoid coil, to be ordered separately |
| 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 | 305 g |
| Mounting type | on manifold rail |
| 5 -7F - | with through hole |
| | Optional |
| Scavenging orifice connection | Non-ducted |
| Pilot exhaust port 82 | 10-32 UNF-2B |
| Pneumatic connection, port 1 | 3/8 NPT |
| Pneumatic connection, port 2 | 3/8 NPT |
| Pneumatic connection, port 2 Pneumatic connection, port 3 | 3/8 NPT |
| neumatic connection, port 3 | J/O INF I |

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| Feature | Value |
|-----------------------|-----------------------------|
| Materials note | Conforms to RoHS |
| Material seals | HNBR |
| | NBR |
| | TPE-U(PU) |
| Material housing | Die-cast aluminium, painted |
| Material Piston slide | Wrought Aluminum alloy |
| Material screws | Galvanized steel |