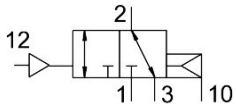
# Pneumatic valve
# VUWS-L25-M32C-E-G14

Part number: 575484




General operating condition

## Data sheet

| Feature | Value |
|---|---|
| Valve function | 3/2, closed, monostable |
| Actuation type | Pneumatic |
| Valve size | 26.5 mm |
| Standard nominal flow rate | 1000 l/min |
| Pneumatic working port | G1/4 |
| Operating pressure | -0.09 MPa ... 1 MPa |
| Operating pressure | -0.9 bar ... 10 bar |
| Structural design | Piston gate valve |
| Reset method | Pneumatic spring |
| Certification | c UL us - Recognized (OL) |
| Nominal width | 6.3 mm |
| Exhaust air function | With flow control option |
| Sealing principle | Soft |
| Mounting position | Any |
| Manual override | None |
| Type of control | Direct |
| Pilot air supply port | External |
| Flow direction | Reversible |
| Symbol | 00995401 |
| Lap | Overlap |
| Pilot pressure MPa | 0.25 MPa ... 1 MPa |
| Pilot pressure | 2.5 bar ... 10 bar |
| Switching time off | 25 ms |
| On switching time | 10 ms |
| Explosion prevention and protection | Observe the information on the certificate<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| 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 |
| Cleanroom class | Class 6 according to ISO 14644-1 |

| Feature | Value |
|---|---|
| Temperature of medium | -10 °C ... 60 °C |
| Pilot medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Ambient temperature | -10 °C ... 60 °C |
| Product weight | 268 g |
| Type of mounting | On terminal strip<br>With through-hole<br>Optionally: |
| Venting hole connection | Not ducted |
| Pneumatic spring connection 10 | M5 |
| Pilot air port 12 | M5 |
| Pneumatic connection 1 | G1/4 |
| Pneumatic connection 2 | G¼ |
| Pneumatic connection 3 | G1/4 |
| Note on materials | RoHS-compliant |
| Seals material | HNBR<br>NBR |
| Housing material | Die-cast aluminum<br>Painted |
| Piston slide material | Wrought aluminum alloy |
| Material of screws | Steel, galvanized |