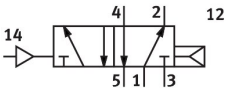
# Pneumatic valve
# VUWS-L25-M52-A-N14

Part number: 575553






## Data sheet

| Feature | Value |
|---|---|
| Valve function | 5/2-way, monostable |
| Actuation type | Pneumatic |
| Valve size | 26.5 mm |
| Normal nominal flow rate (normalized to DIN 1343) | 1300 l/min |
| Pneumatic working port | 1/4 NPT |
| Operating pressure | 0.25 MPa...1 MPa<br>2.5 bar...10 bar |
| Structural design | Piston gate valve |
| Reset method | Pneumatic spring |
| Certification | c UL us - recognized (OL) |
| Nominal width | 6.9 mm |
| Exhaust air function | Adjustable |
| Sealing principle | Soft |
| Mounting position | Any |
| Manual override | None |
| Type of control | directly |
| Pilot air supply port | Internal |
| Flow direction | Non-reversible |
| Lap | Positive overlap |
| Pilot pressure MPa | 0.25 MPa...1 MPa |
| Pilot pressure | 2.5 bar...10 bar |
| Switching time off | 32 ms |
| On switching time | 15 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 |

| Feature | Value |
|---|---|
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 6 according to ISO 14644-1 |
| 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 | 303 g |
| Type of mounting | Alternatively:<br>On terminal strip<br>With through-hole |
| Venting hole connection | Not ducted |
| Pilot air port 14 | 10-32 UNF-2B |
| Pneumatic connection 1 | 1/4 NPT |
| Pneumatic connection 2 | 1/4 NPT |
| Pneumatic connection 3 | 1/4 NPT |
| Pneumatic connection 4 | 1/4 NPT |
| Pneumatic connection 5 | 1/4 NPT |
| 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 | Galvanized steel |