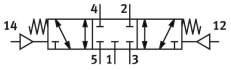
# Pneumatic valve
# VL-5/3G-3/8-B

Part number: 14950






## Data sheet

| Feature | Value |
|---|---|
| Valve function | 5/3-way, closed |
| Actuation type | Pneumatic |
| Width | 40 mm |
| Normal nominal flow rate (normalized to DIN 1343) | 2000 l/min |
| Pneumatic working port | G3/8 |
| Operating pressure | -0.09 MPa...1 MPa<br>-0.9 bar...10 bar |
| Structural design | Piston gate valve |
| Reset method | Mechanical spring |
| Nominal width | 12 mm |
| Width dimension | 41 mm |
| Exhaust air function | Adjustable |
| Sealing principle | Soft |
| Mounting position | Any |
| Manual override | None |
| Type of control | directly |
| Pilot air supply port | External |
| Flow direction | Reversible |
| Lap | Positive overlap |
| Pilot pressure MPa | 0.3 MPa...1 MPa |
| Pilot pressure | 3 bar...10 bar |
| Max. switching frequency | 3 Hz |
| Switching time off | 28 ms |
| On switching time | 7 ms |
| Changeover time | 54 ms |
| 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) |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Storage temperature | -40 °C...60 °C |
| Temperature of medium | -10 °C...60 °C |
| Pilot medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |

| Feature | Value |
|---|---|
| Ambient temperature | -10 °C...60 °C |
| Product weight | 680 g |
| Type of mounting | Alternatively:<br>On PR manifold rail<br>With through-hole |
| Pilot air port 12 | G1/8 |
| Pilot air port 14 | G1/8 |
| Pneumatic connection 1 | G3/8 |
| Pneumatic connection 2 | G3/8 |
| Pneumatic connection 3 | G3/8 |
| Pneumatic connection 4 | G3/8 |
| Pneumatic connection 5 | G3/8 |
| Note on materials | RoHS compliant |
| Seals material | NBR |
| Housing material | Die-cast aluminum |