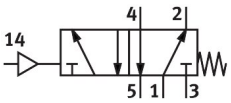
# Pneumatic valve
# VL-5-1/4-NPT

Part number: 10844






## Data sheet

| Feature | Value |
|---|---|
| Valve function | 5/2-way, monostable |
| Actuation type | Pneumatic |
| Width | 30.5 mm |
| Normal nominal flow rate (normalized to DIN 1343) | 800 l/min |
| Pneumatic working port | 1/4 NPT |
| Operating pressure | 0 MPa...0.8 MPa<br>0 bar...8 bar |
| Structural design | Plate seat |
| Reset method | Mechanical spring |
| Degree of protection | IP65 |
| Nominal width | 7 mm |
| Width dimension | 32 mm |
| Exhaust air function | Adjustable |
| Sealing principle | Soft |
| Mounting position | Any |
| Type of control | directly |
| Pilot air supply port | External |
| Flow direction | Non-reversible |
| Lap | Negative overlap |
| Pilot pressure MPa | 0.12 MPa...1 MPa |
| Pilot pressure | 1.2 bar...10 bar |
| Switching time off | 11 ms |
| On switching time | 7 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-B2-L |
| Storage temperature | -20 °C...60 °C |
| 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 | 220 g |

| Feature | Value |
|---|---|
| Type of mounting | Alternatively:<br>On terminal strip<br>With through-hole |
| Pilot air port 14 | 1/8 NPT |
| 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 | NBR<br>TPE-U(PU) |
| Housing material | Die-cast aluminum |