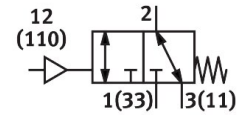


Pneumatic valve VL/O-3-1/2

Part number: 9983

FESTO



[PDF](#) General operating condition

Data sheet

| Feature | Value |
|---|--|
| Valve function | 3/2, open/closed, monostable |
| Actuation type | Pneumatic |
| Width | 52 mm |
| Normal nominal flow rate (normalized to DIN 1343) | 3700 l/min |
| Pneumatic working port | G1/2 |
| Operating pressure | -0.095 MPa ... 1 MPa |
| Operating pressure | -0.95 bar ... 10 bar |
| Structural design | Plate seat |
| Reset method | Mechanical spring |
| Nominal width | 14 mm |
| Width dimension | 69 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 |
| Symbol | 00991030 |
| Lap | Negative overlap |
| Pilot pressure MPa | 0.1 MPa ... 1 MPa |
| Pilot pressure | 1 bar ... 10 bar |
| b-value | 0.3 |
| Switching time off | 30 ms |
| On switching time | 17 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 | -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 | 860 g |
| Type of mounting | On terminal strip With through-hole |

| Feature | Value |
|-------------------------|-------------------|
| Pilot air port 110 | G1/4 |
| Pilot air port 12 | G1/4 |
| Pneumatic connection 1 | G1/2 |
| Pneumatic connection 11 | G1/2 |
| Pneumatic connection 2 | G1/2 |
| Pneumatic connection 3 | G1/2 |
| Pneumatic connection 33 | G1/2 |
| Note on materials | RoHS compliant |
| Seals material | NBR |
| Housing material | Die-cast aluminum |