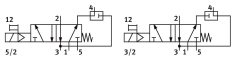
# Air solenoid valve
# NVF3-MOH-5/2-K-1/4

Part number: 196982





## Data sheet

| Feature | Value |
|---|---|
| Valve function | 5/2- or 3/2-way, monostable |
| Actuation type | Electrical |
| Width | 53 mm |
| Normal nominal flow rate (normalized to DIN 1343) | 900 l/min |
| Pneumatic working port | Sub-base |
| Operating voltage | Via solenoid coil, to be ordered separately |
| Operating pressure | 0.2 MPa...1 MPa<br>2 bar...10 bar |
| Structural design | Plate seat |
| Reset method | Mechanical spring |
| Degree of protection | IP65<br>As per IEC 60529 |
| Nominal width | 7 mm |
| Exhaust air function | Adjustable |
| Sealing principle | Soft |
| Mounting position | Any |
| Conforms to standard | VDI/VDE 3845 (NAMUR) |
| Manual override | Detenting<br>Non-detenting |
| Type of control | Piloted |
| Flow direction | Non-reversible |
| Lap | Negative overlap |
| b-value | 0.33 |
| C value | 4.2 l/sbar |
| Switching time off | 38 ms |
| On switching time | 13 ms |
| Permissible frequency fluctuations | +/- 10% |
| Permissible voltage fluctuations | +/- 10% |
| Explosion prevention and protection | 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] |

| Feature | Value |
|---|---|
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC) | 3 - High corrosion stress |
| LABS (PWIS) conformity | VDMA24364 Zone III |
| Temperature of medium | -10 °C...60 °C |
| Ambient temperature | -5 °C...50 °C |
| Product weight | 280 g |
| Type of mounting | On sub-base |
| Venting hole connection | Internal |
| Pilot exhaust air port 84 | M5 |
| Pneumatic connection 1 | G1/4 |
| Pneumatic connection 2 | NAMUR connection pattern |
| Pneumatic connection 3 | G1/4 |
| Pneumatic connection 4 | NAMUR connection pattern |
| Pneumatic connection 5 | G1/4 |
| Seals material | NBR |
| Housing material | Die-cast aluminum<br>Anodized |