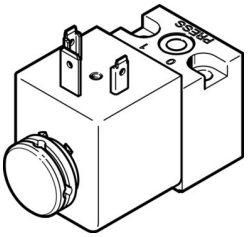
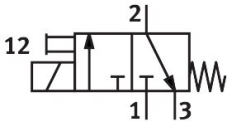
# Pilot valve
# MDH-3/2-24DC

Part number: 119600






## Data sheet

| Feature | Value |
|---|---|
| Valve function | 3/2-way, closed, monostable |
| Actuation type | Electrical |
| Width | 30 mm |
| Normal nominal flow rate (normalized to DIN 1343) | 50 l/min |
| Pneumatic working port | Sub-base, size 30 mm as per ISO 15218 |
| Operating voltage | 24V DC<br>48V AC |
| Operating pressure | 0.1 MPa...1.6 MPa<br>1 bar...16 bar<br>14.5 psi...232 psi |
| Structural design | Plate seat |
| Reset method | Mechanical spring |
| Degree of protection | IP65 |
| Nominal width | 1.3 mm |
| Width dimension | 42 mm |
| Exhaust air function | Cannot be throttled |
| Based on norm | ISO 15218 |
| Sealing principle | Soft |
| Mounting position | Any |
| Conforms to standard | ISO 15218 |
| Manual override | Non-detenting |
| Type of control | directly |
| Flow direction | Non-reversible |
| Lap | Negative overlap |
| Switching time off | 9 ms |
| On switching time | 11 ms |
| Duty cycle | 100% |
| Coil characteristics | 24 V DC: 6.8 W<br>48 V AC: 50 Hz, initial power 14.5 VA, holding power 9.9 VA<br>53 V AC: 60 Hz, initial power 15.0 VA, holding power 9.3 VA |
| Permissible voltage fluctuations | +/- 10% |
| 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) |

| Feature | Value |
|---|---|
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Temperature of medium | -15 °C...80 °C |
| Ambient temperature | -15 °C...50 °C |
| Product weight | 140 g |
| Electrical connection | Type A<br>As per DIN EN 175301-803 |
| Type of mounting | On sub-base<br>With through-hole |
| Pneumatic connection 1 | Sub-base |
| Pneumatic connection 2 | Sub-base |
| Pneumatic connection 3 | Not ducted |
| Note on materials | RoHS compliant |
| Seals material | FPM |