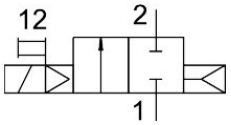
# Air solenoid valve
# MN1H-2-3/4-MS

Part number: 161731






## Data sheet

| Feature | Value |
|---|---|
| Structural design | Diaphragm valve |
| Actuation type | Electrical |
| Sealing principle | Soft |
| Mounting position | Any |
| Type of mounting | In-line installation |
| Fitting connection | G3/4 |
| Electrical connection | Type A<br>Plug<br>As per DIN EN 175301-803<br>Rectangular design |
| Nominal width | 20 mm |
| Valve function | 2/2-way, closed, monostable |
| Manual override | Detenting via accessory<br>Non-detenting |
| Flow direction | Non-reversible |
| Medium | Filtered compressed air, 200 µm filter mesh |
| Exhaust air function | Cannot be throttled |
| Coil characteristics | 110 V AC: 50 Hz, initial power 5.0 VA, holding power 3.7 VA<br>110 V AC: 60 Hz, initial power 5.0 VA, holding power 3.7 VA<br>230 V AC: 50 Hz, initial power 5.0 VA, holding power 3.7 VA<br>230 V AC: 60 Hz, initial power 5.0 VA, holding power 3.7 VA<br>24 V DC: 2.5 W |
| Reset method | Pneumatic spring |
| Type of control | Piloted |
| Medium pressure | 0.5 bar...10 bar |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Temperature of medium | -10 °C...60 °C |
| Ambient temperature | -10 °C...60 °C |
| Normal nominal flow rate (normalized to DIN 1343) | 10000 l/min |
| On switching time | 120 ms |
| Switching time off | 180 ms |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Housing material | Brass |
| Material of screws | high-alloy stainless steel |

| Feature | Value |
|---|---|
| Material number of screw | 1,4301 |
| Product weight | 1100 g |
| Degree of protection | IP65<br>With plug socket |