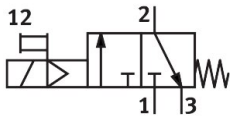
# On/off valve
# MS4N-EE-1/4-10V24

Part number: 542588






## Data sheet

| Feature | Value |
|---|---|
| Structural design | Piston gate valve |
| Actuation type | Electrical |
| Exhaust air function | Cannot be throttled |
| Manual override | Non-detenting |
| Reset method | Mechanical spring |
| Type of control | Piloted |
| Valve function | 3/2-way, closed, monostable |
| Operating pressure | 4 bar...10 bar |
| Lap | Positive overlap |
| C value | 9.5 l/sbar |
| b-value | 0.44 |
| Normal nominal flow rate (normalized to DIN 1343) | 2000 l/min |
| Duty cycle | 100% |
| Coil characteristics | 24 V DC: 1.8 W |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gases |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| Note on materials | RoHS compliant |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Temperature of medium | -10 °C...50 °C |
| Degree of protection | IP65 |
| Ambient temperature | -10 °C...50 °C |
| For use in the food industry | See supplementary material information |
| Type of mounting | Alternatively:<br>In-line installation<br>With accessories |
| Mounting position | Any |
| Flow direction | Non-reversible |
| Product weight | 273 g |
| Pneumatic connection 1 | 1/4 NPT |
| Pneumatic connection 2 | 1/4 NPT |

| Feature | Value |
|---|---|
| Pneumatic connection 3 | G1/4 |
| Pilot air supply port | Internal |
| Electrical connection | Type C<br>Plug<br>As per DIN EN 175301-803<br>Rectangular design |
| Seals material | NBR |
| Housing material | Die-cast aluminum |