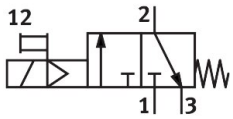
# On/off valve
# MS6-EE-1/2-10V24-S-Z

Part number: 542603






## Data sheet

| Feature | Value |
|---|---|
| Series | MS |
| Size | 6 |
| Design | Piston gate valve |
| Type of actuation | Electrical |
| Exhaust-air function | Cannot be throttled |
| Manual override | Non-detenting |
| Type of reset | Mechanical spring |
| Type of piloting | Piloted |
| Valve function | 3/2-way, single solenoid, closed |
| Operating pressure | 4 bar...10 bar |
| C value | 29 l/sbar |
| b value | 0.4 |
| Standard nominal flow rate (standardised to DIN 1343) | 7000 l/min |
| Duty cycle | 100% |
| Characteristic coil data | 24 V DC: 2.5 W |
| Permissible voltage fluctuations | +/-10% |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4]<br>Inert gas |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| Note on materials | RoHS compliant |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Media temperature | -10 °C...60 °C |
| Degree of protection | IP65 |
| Ambient temperature | -10 °C...50 °C |
| Suitable for use with food | See supplementary material information |
| Type of mounting | Either:<br>Inline installation<br>With accessories |
| Mounting position | Any |
| Flow direction | Non-reversible |

| Feature | Value |
|---|---|
| Product weight | 816 g |
| Pneumatic connection, port 1 | G1/2 |
| Pneumatic connection, port 2 | G1/2 |
| Pneumatic connection, port 3 | G1/2 |
| Pilot air supply | Internal |
| Electrical connection | Type C<br>Plug<br>To DIN EN 175301-803<br>Square design |
| Material seals | NBR |
| Material housing | Die-cast aluminium |