

On/off valve MS4-EE-1/8-10V24

Part number: 542580

FESTO



General operating condition

Data sheet

| Feature | Value |
|---|--|
| 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 |
| Symbol | 00991008 |
| Valve function | 3/2-way, single solenoid, closed |
| Operating pressure | 4 bar ... 10 bar |
| lap | Overlap |
| C value | 4.5 l/sbar |
| b value | 0.5 |
| Standard nominal flow rate (standardised to DIN 1343) | 1000 l/min |
| Duty cycle | 100% |
| Characteristic coil data | 24 V DC: 1.8 W |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] 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 ... 50 °C |
| Degree of protection | IP65 |
| Ambient temperature | -10 °C ... 50 °C |
| Suitable for use with food | See supplementary material information |
| Type of mounting | Either: Inline installation With accessories |
| Mounting position | Any |
| Flow direction | Non-reversible |
| Product weight | 273 g |
| Pneumatic connection, port 1 | G1/8 |
| Pneumatic connection, port 2 | G1/8 |
| Pneumatic connection, port 3 | G1/4 |
| Pilot air supply | Internal |

| Feature | Value |
|-----------------------|---|
| Electrical connection | Type C Plug To DIN EN 175301-803 Square design |
| Material seals | NBR |
| Material housing | Die-cast aluminium |