

On/off valve MS6-EE-1/2-V24-B

Part number: 8091578

FESTO



General operating condition

Data sheet

| Feature | Value |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Series | MS |
| Size | 6 |
| Grid dimension | 62 mm |
| Design | Poppet valve, electrically actuated |
| Type of actuation | Electric |
| Exhaust-air function | Without flow control option |
| Manual override | Detenting Non-detenting |
| Type of reset | Mechanical spring |
| Type of piloting | Pilot actuated |
| Symbol | 00991008 |
| Valve function | 3/2-way, closed, monostable |
| Operating pressure | 0.3 MPa ... 0.7 MPa |
| Operating pressure | 3 bar ... 7 bar |
| lap | Underlap |
| C value | 21.33 l/sbar |
| b value | 0.52 |
| Standard nominal flow rate (standardised to DIN 1343) | 5000 l/min |
| Standard nominal flow rate, exhaust 0.6->0 MPa (6->0 bar, 87->0 psi) | 4000 l/min |
| Characteristic coil data | 24 V DC: 2.3 W |
| Permissible voltage fluctuations | +/- 10 % |
| Switch-on time | 29 ms |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC | 1 - Low corrosion stress |
| Note on materials | RoHS-compliant |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 7 according to ISO 14644-1 |
| Media temperature | -5 °C ... 50 °C |
| Degree of protection | IP65 |
| Ambient temperature | -5 °C ... 50 °C |
| Type of mounting | Via wall/surface bracket |
| Mounting position | optional |
| Switching position indicator | With accessories |
| Product weight | 490 g |

| Feature | Value |
|-----------------------------------|----------------------------|
| 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 To EN 175301-803 |
| Signal status display | With accessories |
| Selection of additional functions | With silencer |
| Material seals | HNBR NBR |
| Material housing | PA-reinforced |