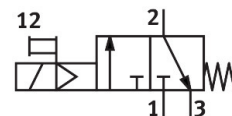


# On/off valve MS4-EE-1/4-V24-B

Part number: 8091771

FESTO



## Data sheet

| Feature  | Value  |
|--|--|
| Series   | MS   |
| Size   | 4  |
| Grid dimension   | 40 mm  |
| Design   | Poppet valve, electrically actuated  |
| Type of actuation  | Electric   |
| Manual override  | Detenting<br>Non-detenting   |
| Type of reset  | Mechanical spring  |
| Type of piloting   | Pilot actuated   |
| Valve function   | 3/2-way, closed, monostable  |
| Operating pressure   | 0,3 MPa...0,7 MPa<br>3 bar...7 bar   |
| lap  | Underlap   |
| C value  | 8,36 l/sbar  |
| b value  | 0,49   |
| Standard nominal flow rate (standardised to DIN 1343)                | 2000 l/min   |
| Standard nominal flow rate, exhaust 0,6->0 MPa (6->0 bar, 87->0 psi) | 1600 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 class  | 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   |

| Feature                           | Value                      |
|-----------------------------------|----------------------------|
| Switching position indicator      | With accessories           |
| Product weight                    | 194 g                      |
| Pneumatic connection, port 1      | G1/4                       |
| Pneumatic connection, port 2      | G1/4                       |
| Pneumatic connection, port 3      | G1/4                       |
| Pilot air supply                  | Internal                   |
| Electrical connection             | Type C<br>To EN 175301-803 |
| Signal status display             | With accessories           |
| Selection of additional functions | With silencer              |
| Material seals                    | HNBR<br>NBR                |
| Material housing                  | PA-reinforced              |