

# On/off valve MS4-EE-1/4-10V24

Part number: 542578

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   | 9.5 l/sbar   |
| b value   | 0.44   |
| Standard nominal flow rate (standardised to DIN 1343) | 2000 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]<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 ... 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:<br>Inline installation<br>With accessories   |
| Mounting position                                     | Any  |
| Flow direction  | Non-reversible   |
| Product weight  | 273 g  |
| Pneumatic connection, port 1                          | G1/4   |
| Pneumatic connection, port 2                          | G1/4   |
| Pneumatic connection, port 3                          | G1/4   |
| Pilot air supply                                      | Internal   |

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