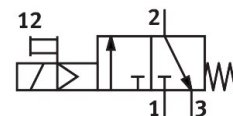


# On/off valve MS6N-EE-3/8-10V24-Z

Part number: 542597

FESTO



## Data sheet

| Feature                                               | Value                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Design                                                | Piston gate valve                                                                          |
| Type of actuation                                     | Electric                                                                                   |
| Exhaust-air function                                  | Without flow control option                                                                |
| Manual override                                       | Non-detenting                                                                              |
| Type of reset                                         | Mechanical spring                                                                          |
| Type of piloting                                      | Pilot actuated                                                                             |
| Valve function                                        | 3/2-way, closed, monostable                                                                |
| Operating pressure                                    | 4 bar...10 bar                                                                             |
| C value                                               | 22 l/sbar                                                                                  |
| b value                                               | 0.5                                                                                        |
| Standard nominal flow rate (standardised to DIN 1343) | 5500 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 gases                                   |
| 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-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>In-line installation<br>With accessories                                        |
| Mounting position                                     | optional                                                                                   |
| Flow direction                                        | Non-reversible                                                                             |
| Product weight                                        | 740 g                                                                                      |
| Pneumatic connection, port 1                          | 3/8 NPT                                                                                    |

| Feature                      | Value                                                    |
|------------------------------|----------------------------------------------------------|
| Pneumatic connection, port 2 | 3/8 NPT                                                  |
| Pneumatic connection, port 3 | G1/2                                                     |
| Pilot air supply             | Internal                                                 |
| Electrical connection        | Type C<br>Plugs<br>To DIN EN 175301-803<br>Square design |
| Material seals               | NBR                                                      |
| Material housing             | Die-cast aluminium                                       |