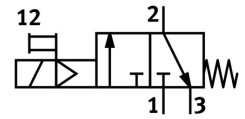


# On/off valve MS6-EE-1/2-V110-S

Part number: 538731

FESTO



General operating condition

## Data sheet

| Feature                            | Value                                                                                      |
|------------------------------------|--------------------------------------------------------------------------------------------|
| Design                             | Piston gate valve                                                                          |
| Type of actuation                  | Electric                                                                                   |
| Exhaust-air function               | Without flow control option                                                                |
| Manual override                    | Detenting<br>Non-detenting                                                                 |
| Type of reset                      | Mechanical spring                                                                          |
| Type of piloting                   | Pilot actuated                                                                             |
| Symbol                             | 00991008                                                                                   |
| Valve function                     | 3/2-way, closed, monostable                                                                |
| Operating pressure                 | 4 bar ... 10 bar                                                                           |
| C value                            | 29 l/sbar                                                                                  |
| b value                            | 0.4                                                                                        |
| Standard nominal flow rate         | 7000 l/min                                                                                 |
| Duty cycle                         | 100%                                                                                       |
| Characteristic coil data           | 110 V AC: 50/60 Hz, pick-up power 3.0 VA, holding power 2.4 VA                             |
| 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-B1/B2-L                                                                          |
| Degree of protection               | IP65                                                                                       |
| Ambient temperature                | -10 °C ... 60 °C                                                                           |
| Approval                           | c UL us - Recognized (OL)                                                                  |
| 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                     | 816 g                                                                                      |
| Pneumatic connection, port 1       | G1/2                                                                                       |
| Pneumatic connection, port 2       | G1/2                                                                                       |
| Pneumatic connection, port 3       | G1/2                                                                                       |
| Pilot air supply                   | Internal                                                                                   |

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