

# On/off valve MS4N-EE-1/4-V110-S

Part number: 538749

FESTO



## 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   |
| Valve function  | 3/2-way, closed, monostable  |
| 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                              | 110 V AC: 50/60 Hz, pick-up power 3.0 VA, holding power 2.4 VA                             |
| 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   |
| Suitable for use with food                            | See supplementary material information   |
| Type of mounting                                      | In-line installation<br>With accessories<br>Either:  |
| Mounting position                                     | optional   |
| Flow direction  | Non-reversible   |
| Product weight  | 289 g  |
| Pneumatic connection, port 1                          | 1/4 NPT  |
| Pneumatic connection, port 2                          | 1/4 NPT  |

| Feature                      | Value  |
|------------------------------|--|
| Pneumatic connection, port 3 | G1/4   |
| 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                                       |