

# On/off valve MS6N-EE-1/2-10V24

Part number: 542593

FESTO



## Data sheet

General operating condition

| Feature   | Value  |
|---|--|
| Structural design                                 | Piston gate valve  |
| Actuation type                                    | Electrical   |
| Exhaust air function                              | Cannot be throttled  |
| Manual override                                   | Non-detenting  |
| Reset method                                      | Mechanical spring  |
| Type of control                                   | Piloted  |
| Symbol  | 00991008   |
| Valve function                                    | 3/2-way, closed, monostable  |
| Operating pressure                                | 4 bar ... 10 bar   |
| C value   | 29 l/sbar  |
| b-value   | 0.4  |
| Normal nominal flow rate (normalized to DIN 1343) | 7000 l/min   |
| Duty cycle  | 100%   |
| Coil characteristics                              | 24 V DC: 2.5 W   |
| Permissible voltage fluctuations                  | +/- 10%  |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gases       |
| Information on operating and pilot media          | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC)                  | 2 - Moderate corrosion stress                                      |
| Note on materials                                 | RoHS compliant   |
| LABS (PWIS) conformity                            | VDMA24364-B2-L   |
| Temperature of medium                             | -10 °C ... 60 °C   |
| Degree of protection                              | IP65   |
| Ambient temperature                               | -10 °C ... 50 °C   |
| For use in the food industry                      | See supplementary material information                             |
| Type of mounting                                  | Alternatively:<br>In-line installation<br>With accessories         |
| Mounting position                                 | Any  |
| Flow direction                                    | Non-reversible   |
| Product weight                                    | 740 g  |
| Pneumatic connection 1                            | 1/2 NPT  |
| Pneumatic connection 2                            | 1/2 NPT  |
| Pneumatic connection 3                            | G1/2   |
| Pilot air supply port                             | Internal   |

| <b>Feature</b>        | <b>Value</b>   |
|-----------------------|--|
| Electrical connection | Type C<br>Plug<br>As per DIN EN 175301-803<br>Rectangular design |
| Seals material        | NBR  |
| Housing material      | Die-cast aluminum  |