

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

Part number: 542612

FESTO



General operating condition

## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Structural design                        | Piston gate valve                                                  |
| Actuation type                           | Electrical                                                         |
| Exhaust air function                     | Without flow control option                                        |
| Manual override                          | Non-detenting                                                      |
| Reset method                             | Mechanical spring                                                  |
| Type of control                          | Pilot-controlled                                                   |
| Symbol                                   | 00991008                                                           |
| Valve function                           | 3/2, 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%                                                               |
| 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 gas         |
| 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                         | With accessories                                                   |
| Mounting position                        | Any                                                                |
| Flow direction                           | Non-reversible                                                     |
| Product weight                           | 816 g                                                              |
| Pneumatic connection 1                   | 1/2 NPT                                                            |
| Pneumatic connection 2                   | 1/2 NPT                                                            |
| Pneumatic connection 3                   | G1/2                                                               |
| Pilot air supply port                    | Internal                                                           |
| Electrical connection                    | Form C<br>Plug<br>as per DIN EN 175301-803<br>Rectangular design   |

| Feature          | Value             |
|------------------|-------------------|
| Seals material   | NBR               |
| Housing material | Die-cast aluminum |