

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

Part number: 8233003

FESTO



## Data sheet

| Feature                                           | Value                                                              |
|---------------------------------------------------|--------------------------------------------------------------------|
| Series                                            | MS                                                                 |
| Size                                              | 6                                                                  |
| Structural design                                 | Piston gate valve                                                  |
| Actuation type                                    | Electrical                                                         |
| Exhaust air function                              | Without flow control option                                        |
| Manual override                                   | Detenting<br>Non-detenting                                         |
| Reset method                                      | Mechanical spring                                                  |
| Type of control                                   | Pilot-controlled                                                   |
| Valve function                                    | 3/2, closed, monostable                                            |
| Operating pressure                                | 0.4 MPa...1.8 MPa<br>4 bar...18 bar                                |
| Lap                                               | Overlap                                                            |
| 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: 1.5 W                                                     |
| 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-B1/B2-L                                                  |
| Temperature of medium                             | -10 °C...60 °C                                                     |
| Degree of protection                              | IP65                                                               |
| Ambient temperature                               | -10 °C...60 °C                                                     |
| For use in the food industry                      | See supplementary material information                             |
| Type of mounting                                  | Optionally:<br>Line installation<br>With accessories               |
| Mounting position                                 | Any                                                                |
| Flow direction                                    | Non-reversible                                                     |

| Feature                | Value                |
|------------------------|----------------------|
| 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             |
| Electrical connection  | as per EN 175301-803 |
| Seals material         | NBR                  |
| Housing material       | Die-cast aluminum    |