

# On/off valve MS6N-EE

Part number: 527683

FESTO



 General operating condition

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature                                      | Value                                                                                                                                              |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Structural design                            | Piston gate valve                                                                                                                                  |
| Actuation type                               | Electrical                                                                                                                                         |
| Exhaust air function                         | Without flow control option                                                                                                                        |
| Manual override                              | Detenting<br>None<br>Non-detenting                                                                                                                 |
| Reset method                                 | Mechanical spring                                                                                                                                  |
| Type of control                              | Pilot-controlled                                                                                                                                   |
| Valve function                               | 3/2, closed, monostable                                                                                                                            |
| Pressure gauge                               | G1/4 prepared<br>with pressure sensor<br>with pressure gauge                                                                                       |
| Operating pressure                           | 4 bar ... 18 bar                                                                                                                                   |
| Standard nominal flow rate                   | 2600 l/min ... 7000 l/min                                                                                                                          |
| Duty cycle                                   | 100%                                                                                                                                               |
| Coil characteristics                         | 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA<br>230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA<br>24 V DC: 2.5 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-B2-L                                                                                                                                     |
| Temperature of medium                        | -10 °C ... 60 °C                                                                                                                                   |
| Degree of protection                         | IP65                                                                                                                                               |
| Ambient temperature                          | -10 °C ... 60 °C                                                                                                                                   |
| Certification                                | c UL us - Recognized (OL)                                                                                                                          |
| KC characters                                | KC EMC                                                                                                                                             |
| CE marking (see declaration of conformity)   | As per EU EMC directive<br>As per EU RoHS directive                                                                                                |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC<br>To UK RoHS instructions                                                                                              |
| For use in the food industry                 | See supplementary material information                                                                                                             |
| Type of mounting                             | With accessories                                                                                                                                   |
| Mounting position                            | Any                                                                                                                                                |
| Flow direction                               | Non-reversible                                                                                                                                     |

| Feature                | Value             |
|------------------------|-------------------|
| Product weight         | 740 g             |
| Pneumatic connection 3 | G1/2              |
| Pilot air supply port  | Internal          |
| Seals material         | NBR               |
| Housing material       | Die-cast aluminum |