

# Shut off valve MS4N-EE-1/8-10V24

Part number: 542589

FESTO



[PDF](#) 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   |
| Lap                                      | Overlap  |
| C value                                  | 4.5 l/sbar   |
| b-value                                  | 0.5  |
| Standard nominal flow rate               | 1000 l/min   |
| Duty cycle                               | 100%   |
| Coil characteristics                     | 24 V DC: 1.8 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 ... 50 °C   |
| Degree of protection                     | IP65   |
| Ambient temperature                      | -10 °C ... 50 °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   |
| Product weight                           | 273 g  |
| Pneumatic connection 1                   | 1/8 NPT  |
| Pneumatic connection 2                   | 1/8 NPT  |
| Pneumatic connection 3                   | G1/4   |
| Pilot air supply port                    | Internal   |

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