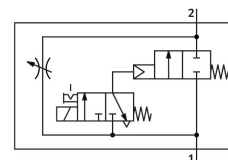


# Soft-start valve MS6N-DE-1/4-10V24

Part number: 542572

**FESTO**



## Data sheet

| Feature                                           | Value                                                              |
|---------------------------------------------------|--------------------------------------------------------------------|
| Actuation type                                    | Electrical                                                         |
| Mounting position                                 | Any                                                                |
| Manual override                                   | Detenting<br>Non-detenting                                         |
| Structural design                                 | Piston seat                                                        |
| Reset method                                      | Mechanical spring                                                  |
| Type of control                                   | Pilot-controlled                                                   |
| Pilot air supply port                             | Internal                                                           |
| Flow direction                                    | Non-reversible                                                     |
| Valve function                                    | 2/2                                                                |
| Switching position indication                     | with accessories                                                   |
| Operating pressure                                | 4 bar...10 bar                                                     |
| b-value                                           | 0.54                                                               |
| C value                                           | 11.22 l/sbar                                                       |
| Normal nominal flow rate (normalized to DIN 1343) | 2700 l/min                                                         |
| Duty cycle                                        | 100%                                                               |
| Coil characteristics                              | 24 V DC: 1.8 W                                                     |
| Certification                                     | c UL - Recognized (OL)                                             |
| 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                                      |
| LABS (PWIS) conformity                            | VDMA24364-B1/B2-L                                                  |
| For use in the food industry                      | See supplementary material information                             |
| Temperature of medium                             | -10 °C...50 °C                                                     |
| Degree of protection                              | IP65                                                               |
| Ambient temperature                               | -10 °C...50 °C                                                     |
| Product weight                                    | 680 g                                                              |
| Electrical connection                             | Form C<br>Plug<br>as per DIN EN 175301-803<br>Rectangular design   |
| Signal status display                             | With accessories                                                   |

| Feature                | Value                                                |
|------------------------|------------------------------------------------------|
| Type of mounting       | Optionally:<br>Line installation<br>With accessories |
| Pneumatic connection 1 | 1/4 NPT                                              |
| Pneumatic connection 2 | 1/4 NPT                                              |
| Note on materials      | RoHS-compliant                                       |
| Seals material         | NBR                                                  |
| Housing material       | Die-cast aluminum                                    |