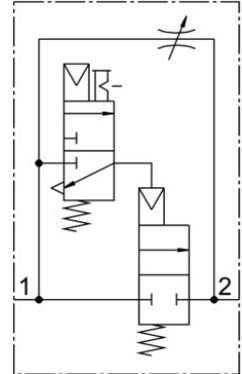


# Soft start valve MS4-DE-1/4-V230

Part number: 529521

FESTO



## Data sheet

| Feature                                  | Value  |
|--|--|
| Type code                                | MS4-DE   |
| 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   |
| Symbol                                   | 00991501   |
| Valve function                           | 2/2  |
| Switching position indication            | with accessories   |
| Operating pressure                       | 4 bar ... 14 bar   |
| b-value                                  | 0.45   |
| C value                                  | 9.6 l/sbar   |
| Standard nominal flow rate               | 2000 l/min   |
| Duty cycle                               | 100%   |
| Coil characteristics                     | 230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA     |
| Certification                            | c UL us - 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                                      |
| For use in the food industry             | See supplementary material information                             |
| Temperature of medium                    | -10 °C ... 60 °C   |
| Degree of protection                     | IP65   |
| Ambient temperature                      | -10 °C ... 60 °C   |
| Product weight                           | 263 g  |

| <b>Feature</b>         | <b>Value</b>   |
|------------------------|--|
| Electrical connection  | Form C<br>Plug<br>as per DIN EN 175301-803<br>Rectangular design |
| Signal status display  | With accessories   |
| Type of mounting       | Optionally:<br>Line installation<br>With accessories             |
| Pneumatic connection 1 | G1/4   |
| Pneumatic connection 2 | G $\frac{1}{4}$  |
| Note on materials      | Free of copper and PTFE<br>RoHS-compliant                        |
| Seals material         | NBR  |
| Housing material       | Die-cast aluminum  |