

**Filter**  
**MS6N-LF-1/2-EUV**  
 Part number: 531550

**FESTO**



**Data sheet**

| Feature                                           | Value                                                        |
|---------------------------------------------------|--------------------------------------------------------------|
| Size                                              | 6                                                            |
| Series                                            | MS                                                           |
| Mounting position                                 | Vertical $\pm 5^\circ$                                       |
| Grade of filtration                               | 40 $\mu\text{m}$                                             |
| Condensate drain                                  | Fully automatic<br>Manual, non-detenting                     |
| Structural design                                 | Sinter filter with centrifugal separator                     |
| Bowl guard                                        | Integrated as metal bowl                                     |
| Degree of condensate separation                   | 75 %                                                         |
| Operating pressure                                | 2 bar...12 bar                                               |
| Normal nominal flow rate (normalized to DIN 1343) | 4100 l/min                                                   |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [7:9:-]<br>Inert gases |
| Corrosion resistance class (CRC)                  | 2 - Moderate corrosion stress                                |
| LABS (PWIS) conformity                            | VDMA24364-B1/B2-L                                            |
| Storage temperature                               | -10 °C...60 °C                                               |
| For use in the food industry                      | See supplementary material information                       |
| Air quality class at the output                   | Compressed air as per ISO 8573-1:2010 [7:8:4]                |
| Temperature of medium                             | -10 °C...60 °C                                               |
| Ambient temperature                               | -10 °C...60 °C                                               |
| Pore size                                         | 40 $\mu\text{m}$                                             |
| Product weight                                    | 820 g                                                        |
| Type of mounting                                  | Alternatively:<br>In-line installation<br>With accessories   |
| Pneumatic connection 1                            | 1/2 NPT                                                      |
| Pneumatic connection 2                            | 1/2 NPT                                                      |
| Note on materials                                 | RoHS compliant                                               |
| Seals material                                    | NBR                                                          |
| Compressed air filter material                    | Protective grounding                                         |
| Housing material                                  | Die-cast aluminum                                            |
| Material of bowl                                  | Wrought aluminum alloy                                       |

| Feature                  | Value |
|--------------------------|-------|
| Separating disc material | POM   |