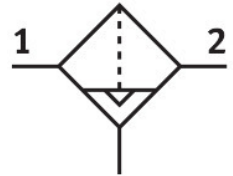


**Fine filter**  
**MS9-LFM-1-BUV**  
Part number: 553006

**FESTO**



## Data sheet

| Feature                                       | Value                                                   |
|-----------------------------------------------|---------------------------------------------------------|
| Series                                        | MS                                                      |
| Size                                          | 9                                                       |
| Structural design                             | Fiber filter                                            |
| Grade of filtration                           | 1 µm                                                    |
| Condensate drain                              | Fully automatic<br>Manual, non-detenting                |
| Operating pressure                            | 0.2 MPa...1.2 MPa<br>2 bar...12 bar<br>29 psi...174 psi |
| Operating medium                              | Compressed air as per ISO 8573-1:2010 [6:::4]           |
| Air quality class at the output               | Compressed air as per ISO 8573-1:2010 [5:::3]           |
| Max. standard flow rate for air quality class | 7000 l/min                                              |
| Min. standard flow rate for air quality class | 350 l/min                                               |
| Filter efficiency                             | 99.99 %                                                 |
| Max. condensate volume                        | 225 ml                                                  |
| Corrosion resistance class (CRC)              | 2 - Moderate corrosion stress                           |
| LABS (PWIS) conformity                        | VDMA24364-B1/B2-L                                       |
| Temperature of medium                         | -10 °C...60 °C                                          |
| Ambient temperature                           | -10 °C...60 °C                                          |
| Storage temperature                           | -10 °C...60 °C                                          |
| Filter efficiency, fine particles             | 99 %                                                    |
| Residual oil content                          | 0.5 mg/m <sup>3</sup>                                   |
| Filter efficiency, oil aerosol                | 90 %                                                    |
| Explosive ambient temperature                 | -10°C ≤ Ta ≤ +60°C                                      |
| Type of mounting                              | Line installation<br>With accessories<br>Optionally:    |
| Mounting position                             | Vertical +/- 5°                                         |
| Pneumatic connection 1                        | G1                                                      |
| Pneumatic connection 2                        | G1                                                      |
| Housing material                              | Die-cast aluminum                                       |
| Covering material                             | PA                                                      |

| Feature                        | Value                  |
|--------------------------------|------------------------|
| Compressed air filter material | Borosilicate fiber     |
| Material of bowl               | Wrought aluminum alloy |
| Inspection window material     | PA                     |
| Seals material                 | NBR                    |
| Product weight                 | 2000 g                 |