

**Micro filter**  
**MS9-LFM-N1-AUV-HF-DA**  
 Part number: 553064

**FESTO**



**Data sheet**

| Feature                                       | Value                                                |
|-----------------------------------------------|------------------------------------------------------|
| Series                                        | MS                                                   |
| Size                                          | 9                                                    |
| Structural design                             | Fiber filter                                         |
| Grade of filtration                           | 0.01 µm                                              |
| Condensate drain                              | Fully automatic<br>Manual, non-detenting             |
| Operating pressure                            | 0.2 MPa...1.2 MPa<br>2 bar...12 bar                  |
| 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 [3::2]         |
| Max. standard flow rate for air quality class | 7800 l/min                                           |
| Min. standard flow rate for air quality class | 390 l/min                                            |
| Filter efficiency                             | 99.9999 %                                            |
| Max. condensate volume                        | 225 ml                                               |
| Corrosion resistance class (CRC)              | 2 - Moderate corrosion stress                        |
| LABS (PWIS) conformity                        | VDMA24364-B1/B2-L                                    |
| Temperature of medium                         | 5 °C...60 °C                                         |
| Ambient temperature                           | 5 °C...60 °C                                         |
| Storage temperature                           | -10 °C...60 °C                                       |
| Filter efficiency, fine particles             | 99.995 %                                             |
| MPPS                                          | 0.1 µm                                               |
| MPPS filter efficiency                        | 99.968 %                                             |
| Residual oil content                          | 0.01 mg/m³                                           |
| Filter efficiency, oil aerosol                | 99 %                                                 |
| Differential pressure display                 | Visual display                                       |
| Type of mounting                              | Line installation<br>With accessories<br>Optionally: |
| Mounting position                             | Vertical +/- 5°                                      |
| Pneumatic connection 1                        | 1 NPT                                                |

| Feature                        | Value                  |
|--------------------------------|------------------------|
| Pneumatic connection 2         | 1 NPT                  |
| Housing material               | Die-cast aluminum      |
| Covering material              | PA                     |
| Compressed air filter material | Borosilicate fiber     |
| Material of bowl               | Wrought aluminum alloy |
| Inspection window material     | PA                     |
| Seals material                 | NBR                    |
| Product weight                 | 2500 g                 |