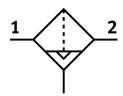
## Fine filter MS9-LFM-N3/4-BUV-HF Part number: 552986

**FESTO** 





General operating condition

## **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       |
| Symbol  | 00991520                                       |
| Operating pressure                            | 2 bar 12 bar                                   |
| Operating medium                              | Compressed air as per ISO 8573-1:2010 [6:4:4]  |
| Air quality class at the output               | Compressed air as per ISO 8573-1:2010 [5:4:3]  |
| Max. standard flow rate for air quality class | 10000 l/min                                    |
| Min. standard flow rate for air quality class | 500 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                              | Optionally: Line installation With accessories |
| Mounting position                             | Vertical +/- 5°                                |
| Pneumatic connection 1                        | 3/4 NPT  |
| Pneumatic connection 2                        | 3/4 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  |

| Feature        | Value  |
|----------------|--------|
| Product weight | 2500 g |