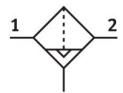
## Micro filter MS9-LFM-N3/4-AUV-HF Part number: 552982

**FESTO** 





General operating condition

## **Data sheet**

| Feature                                       | Value   |
|---|---|
| Series  | MS  |
| Size  | 9   |
| Structural design                             | Fiber filter                                  |
| Grade of filtration                           | 0.01 μm                                       |
| Condensate drain                              | Fully automatic                               |
|   | Manual, non-detenting                         |
| Symbol  | 00991520                                      |
| Operating pressure                            | 0.2 MPa 1.2 MPa                               |
| Operating pressure                            | 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/m <sup>3</sup>                        |
| Filter efficiency, oil aerosol                | 99 %  |
| Type of mounting                              | 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  |

| Feature        | Value  |
|----------------|--------|
| Seals material | NBR    |
| Product weight | 2500 g |