

# Micro filter MS9-LFM-N3/4-AUM-HF

Part number: 552980

FESTO



 General operating condition

## Data sheet

| Feature   | Value   |
|---|---|
| Series  | MS  |
| Size  | 9   |
| Structural design   | Fiber filter                                  |
| Grade of filtration                                       | 0.01 µm                                       |
| Condensate drain  | Manual, rotating                              |
| Symbol  | 00991519                                      |
| Operating pressure  | 0 MPa ... 2 MPa                               |
| Operating pressure  | 0 bar ... 20 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                             |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 7 according to ISO 14644-1              |
| Temperature of medium                                     | -10 °C ... 60 °C                              |
| Ambient temperature                                       | -10 °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 glass fiber                      |
| Material of bowl  | Wrought aluminum alloy                        |
| Inspection window material                                | PA  |

| <b>Feature</b> | <b>Value</b> |
|----------------|--------------|
| Seals material | NBR          |
| Product weight | 2500 g       |