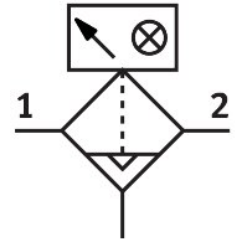


# Micro filter MS9-LFM-3/4-AUV-HF-DA

Part number: 552974

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<br>Manual, non-detenting      |
| Symbol                                        | 00991544                                      |
| 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/m³                                    |
| Filter efficiency, oil aerosol                | 99 %                                          |
| Differential pressure display                 | Visual display                                |
| Type of mounting                              | With accessories                              |
| Mounting position                             | Vertical +/- 5°                               |
| Pneumatic connection 1                        | G3/4                                          |
| Pneumatic connection 2                        | G3/4                                          |
| Housing material                              | Die-cast aluminum                             |
| Covering material                             | PA                                            |
| Compressed air filter material                | Borosilicate fiber                            |

| Feature                    | Value                  |
|----------------------------|------------------------|
| Material of bowl           | Wrought aluminum alloy |
| Inspection window material | PA                     |
| Seals material             | NBR                    |
| Product weight             | 2500 g                 |