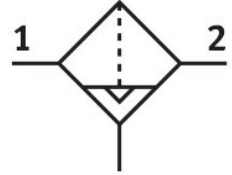


# Micro filter MS9-LFM-3/4-AUV-HF

Part number: 552966

FESTO



## Data sheet

| Feature                                     | Value   |
|---|---|
| Series                                      | MS  |
| Size  | 9   |
| Design                                      | Fibre 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 to ISO 8573-1:2010 [6:-:4]           |
| Air purity class at output                  | Compressed air to ISO 8573-1:2010 [3:-:2]           |
| Max. standard flow rate for clean air class | 7800 l/min  |
| Min. standard flow rate for clean air 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                                   |
| Media temperature                           | 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  |
| Filter efficiency MPPS                      | 99.968 %  |
| Residual oil content                        | 0.01 mg/m <sup>3</sup>                              |
| Filter efficiency, oil aerosol              | 99 %  |
| Type of mounting                            | Either:<br>In-line installation<br>With accessories |
| Mounting position                           | Vertical +/-5°                                      |
| Pneumatic connection, port 1                | G3/4  |
| Pneumatic connection, port 2                | G3/4  |
| Material housing                            | Die-cast aluminium                                  |
| Material covering                           | PA  |

| <b>Feature</b>  | <b>Value</b>            |
|-----------------|-------------------------|
| Material filter | Borosilicate fibre      |
| Material bowl   | Wrought aluminium alloy |
| Material screen | PA                      |
| Material seals  | NBR                     |
| Product weight  | 2500 g                  |