

# Fine filter MS9-LFM-N1-BUM-HF

Part number: 553058

FESTO



## Data sheet

| Feature                                     | Value   |
|---|---|
| Series                                      | MS  |
| Size  | 9   |
| Design                                      | Fibre filter  |
| Grade of filtration                         | 1 µm  |
| Condensate drain                            | Manually rotating                                   |
| Operating pressure                          | 0 MPa...2 MPa<br>0 bar...20 bar<br>0 psi...290 psi  |
| Operating medium                            | Compressed air to ISO 8573-1:2010 [6:-:4]           |
| Air purity class at output                  | Compressed air to ISO 8573-1:2010:[5:-:3]           |
| Max. standard flow rate for clean air class | 10000 l/min   |
| Min. standard flow rate for clean air 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                                   |
| Media temperature                           | -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 %  |
| Explosion ambient temperature               | -10 °C ≤ Ta ≤ +60 °C                                |
| Type of mounting                            | Either:<br>In-line installation<br>With accessories |
| Mounting position                           | Vertical +/-5°                                      |
| Pneumatic connection, port 1                | 1 NPT   |
| Pneumatic connection, port 2                | 1 NPT   |
| Material housing                            | Die-cast aluminium                                  |
| Material covering                           | PA  |
| Material filter                             | Borosilicate fibre                                  |

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