

# Fine filter

## MS9-LFM-3/4-BUV-HF-DA

Part number: 552978

FESTO

1 µm filter, metal bowl guard, high flow rate, with differential pressure indicator, fully automatic condensate drain, flow direction from left to right.



### Data sheet

| Feature                                       | Value  |
|---|--|
| Series  | MS   |
| Size  | 9  |
| Design structure                              | Fiber filter   |
| Grade of filtration                           | 1 µm   |
| Condensate drain                              | fully automatic<br>manual momentary-contact              |
| Working pressure                              | 2 ... 12 bar   |
| Operating medium                              | Compressed air in accordance with ISO8573-1:2010 [6:8:4] |
| Air purity class at output                    | Compressed air to ISO 8573-1:2010 [5:7:3]                |
| Max. standard flow rate for air quality class | 10,000 l/min   |
| Min. standard flow rate for air quality class | 500 l/min  |
| Filter efficiency                             | 99.99 %  |
| Max. condensate volume                        | 225 ml   |
| Corrosion resistance classification CRC       | 2 - Moderate corrosion stress                            |
| PWIS conformity                               | VDMA24364-B1/B2-L  |
| Medium temperature                            | -10 ... 60 °C  |
| Ambient temperature                           | -10 ... 60 °C  |
| Storage temperature                           | -10 ... 60 °C  |
| Residual oil content                          | 0.5 mg/m <sup>3</sup>                                    |
| Differential pressure display                 | Visual indicator   |
| Explosion-proof ambient temperature           | -10°C ≤ Ta ≤ +60°C                                       |
| Mounting type                                 | Line installation<br>with accessories<br>Optional        |
| Assembly position                             | Vertical +/- 5°  |
| Pneumatic connection, port 1                  | G3/4   |
| Pneumatic connection, port 2                  | G3/4   |
| Material housing                              | Aluminum die cast  |
| Material of cover                             | PA   |
| Material filter                               | Boron silicate fiber                                     |
| Material bowl                                 | Wrought Aluminum alloy                                   |
| Material screen                               | PA   |
| Material seals                                | NBR  |
| Product weight                                | 2,500 g  |