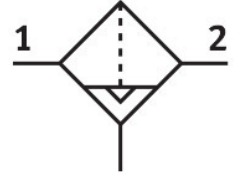


**Fine filter**  
**MS6N-LFM-1/4-BUV**  
 Part number: 531872

**FESTO**



**Data sheet**

| Feature                                     | Value                                                   |
|---------------------------------------------|---------------------------------------------------------|
| Series                                      | MS                                                      |
| Size                                        | 6                                                       |
| Design                                      | Fibre filter                                            |
| Grade of filtration                         | 1 µm                                                    |
| Condensate drain                            | Fully automatic<br>Manual, non-detenting                |
| Operating pressure                          | 0.2 MPa...1.2 MPa<br>2 bar...12 bar<br>29 psi...174 psi |
| Operating medium                            | Compressed air to ISO 8573-1:2010 [6::4]<br>Inert gases |
| Air purity class at output                  | Compressed air to ISO 8573-1:2010 [5::3]                |
| Max. standard flow rate for clean air class | 950 l/min                                               |
| Min. standard flow rate for clean air class | 140 l/min                                               |
| Filter efficiency                           | 99.99 %                                                 |
| Max. condensate volume                      | 38 cm <sup>3</sup>                                      |
| Bowl guard                                  | Integrated as metal bowl                                |
| Corrosion resistance class CRC              | 2 - Moderate corrosion stress                           |
| LABS (PWIS) conformity                      | VDMA24364-B1/B2-L                                       |
| Suitable for use with food                  | See supplementary material information                  |
| 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 %                                                    |
| Type of mounting                            | In-line installation<br>With accessories<br>Either:     |
| Mounting position                           | Vertical +/- 5°                                         |
| Pneumatic connection, port 1                | 1/4 NPT                                                 |
| Pneumatic connection, port 2                | 1/4 NPT                                                 |
| Material housing                            | Die-cast aluminium                                      |

| Feature           | Value                   |
|-------------------|-------------------------|
| Material filter   | Borosilicate fibre      |
| Material bowl     | Wrought aluminium alloy |
| Material seals    | NBR                     |
| Note on materials | RoHS-compliant          |
| Product weight    | 820 g                   |