

# Fine filter MS6-LFM-1/2-BUV

Part number: 529661

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value  |
|---|--|
| Series  | MS   |
| Size  | 6  |
| Structural design                             | Fiber filter   |
| Grade of filtration                           | 1 µm   |
| Condensate drain                              | Manual, non-detenting                                      |
| Symbol  | 00991520   |
| Operating pressure                            | 0.2 MPa ... 1.2 MPa  |
| Operating pressure                            | 2 bar ... 12 bar   |
| Operating pressure                            | 29 psi ... 174 psi   |
| Operating medium                              | Compressed air as per ISO 8573-1:2010 [6:::4]<br>Inert gas |
| Air quality class at the output               | Compressed air as per ISO 8573-1:2010 [5:::3]              |
| Max. standard flow rate for air quality class | 950 l/min  |
| Min. standard flow rate for air quality class | 140 l/min  |
| Filter efficiency                             | 99.99 %  |
| Max. condensate volume                        | 38 ml  |
| Bowl guard                                    | Integrated as metal bowl guard                             |
| Corrosion resistance class (CRC)              | 2 - Moderate corrosion stress                              |
| LABS (PWIS) conformity                        | VDMA24364-B1/B2-L  |
| For use in the food industry                  | See supplementary material information                     |
| Temperature of medium                         | -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                              | With accessories   |
| Mounting position                             | Vertical +/- 5°  |
| Pneumatic connection 1                        | G1/2   |
| Pneumatic connection 2                        | G1/2   |
| Housing material                              | Die-cast aluminum  |
| Compressed air filter material                | Borosilicate fiber   |
| Material of bowl                              | Wrought aluminum alloy                                     |
| Seals material                                | NBR  |

| Feature           | Value          |
|-------------------|----------------|
| Note on materials | RoHS-compliant |
| Product weight    | 820 g          |