

# Micro filter MS4-LFM-1/4-ARM

Part number: 529459

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value  |
|---|--|
| Series  | MS   |
| Size  | 4  |
| Structural design                             | Fiber filter   |
| Grade of filtration                           | 0.01 µm  |
| Condensate drain                              | Manual, rotating   |
| Symbol  | 00991519   |
| Operating pressure                            | 0 MPa ... 1.4 MPa  |
| Operating pressure                            | 0 bar ... 14 bar   |
| Operating medium                              | Compressed air as per ISO 8573-1:2010 [6:::4]<br>Inert gases |
| Air quality class at the output               | Compressed air as per ISO 8573-1:2010 [3:::2]                |
| Max. standard flow rate for air quality class | 360 l/min  |
| Min. standard flow rate for air quality class | 54 l/min   |
| Filter efficiency                             | 99.9999 %  |
| Max. condensate volume                        | 19 ml  |
| Bowl guard                                    | Plastic 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             | 99.995 %   |
| MPPS  | 0.05 µm  |
| MPPS filter efficiency                        | 99.95 %  |
| Residual oil content                          | 0.01 mg/m <sup>3</sup>                                       |
| Filter efficiency, oil aerosol                | 99 %   |
| Type of mounting                              | With accessories   |
| Mounting position                             | Vertical ±5°   |
| Pneumatic connection 1                        | G1/4   |
| Pneumatic connection 2                        | G1/4   |
| Housing material                              | Die-cast aluminum  |
| Compressed air filter material                | Borosilicate glass fiber                                     |
| Material of bowl                              | PC   |

| <b>Feature</b>    | <b>Value</b>   |
|-------------------|----------------|
| Seals material    | NBR            |
| Note on materials | RoHS compliant |
| Product weight    | 190 g          |