

# Micro filter MS4N-LFM-1/8-AUV

Part number: 539210

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value  |
|---|--|
| Series  | MS   |
| Size  | 4  |
| Structural design                             | Fiber filter   |
| Grade of filtration                           | 0.01 µm  |
| Condensate drain                              | Fully automatic<br>Manual, non-detenting                   |
| Symbol  | 00991520   |
| Operating pressure                            | 2 bar ... 12 bar   |
| Operating medium                              | Compressed air as per ISO 8573-1:2010 [6:4:4]<br>Inert gas |
| Air quality class at the output               | Compressed air as per ISO 8573-1:2010 [3:4:2]              |
| 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                        | 25 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             | 99.995 %   |
| 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                              | Optionally:<br>Line installation<br>With accessories       |
| Mounting position                             | Vertical +/- 5°  |
| Pneumatic connection 1                        | 1/8 NPT  |
| Pneumatic connection 2                        | 1/8 NPT  |
| Housing material                              | Die-cast aluminum  |
| Compressed air filter material                | Borosilicate fiber   |

| <b>Feature</b>             | <b>Value</b>                                |
|----------------------------|---|
| Material of bowl           | Die-cast aluminum<br>Wrought aluminum alloy |
| Inspection window material | PA  |
| Seals material             | NBR   |
| Note on materials          | RoHS-compliant                              |
| Product weight             | 350 g                                       |