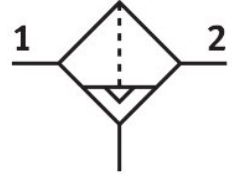


# Micro filter MS4N-LFM-1/4-AUV

Part number: 535776

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                            | 0.2 MPa ... 1.2 MPa                                        |
| Operating pressure                            | 2 bar ... 12 bar                                           |
| 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 [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                        | 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                              | With accessories                                           |
| Mounting position                             | Vertical +/- 5°                                            |
| Pneumatic connection 1                        | 1/4 NPT                                                    |
| Pneumatic connection 2                        | 1/4 NPT                                                    |
| Housing material                              | Die-cast aluminum                                          |
| Compressed air filter material                | Borosilicate fiber                                         |

| Feature                    | Value                                       |
|----------------------------|---------------------------------------------|
| 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                                       |