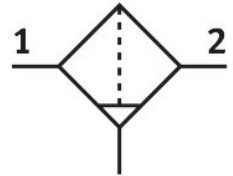


# Micro filter

## MS6N-LFM-1/2-ARM

Part number: 531861

FESTO



## Data sheet

| Feature                                       | Value                                                       |
|-----------------------------------------------|-------------------------------------------------------------|
| Series                                        | MS                                                          |
| Size                                          | 6                                                           |
| Structural design                             | Fiber filter                                                |
| Grade of filtration                           | 0.01 µm                                                     |
| Condensate drain                              | Manual, rotating                                            |
| Operating pressure                            | 0 MPa...2 MPa<br>0 bar...20 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 | 900 l/min                                                   |
| Min. standard flow rate for air quality class | 135 l/min                                                   |
| Filter efficiency                             | 99.9999 %                                                   |
| Max. condensate volume                        | 38 cm³                                                      |
| 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/m³                                                  |
| Filter efficiency, oil aerosol                | 99 %                                                        |
| Type of mounting                              | Alternatively:<br>In-line installation<br>With accessories  |
| Mounting position                             | Vertical ±5°                                                |
| Pneumatic connection 1                        | 1/2 NPT                                                     |
| Pneumatic connection 2                        | 1/2 NPT                                                     |

| Feature                        | Value                    |
|--------------------------------|--------------------------|
| Housing material               | Die-cast aluminum        |
| Compressed air filter material | Borosilicate glass fiber |
| Material of bowl               | PC                       |
| Seals material                 | NBR                      |
| Note on materials              | RoHS compliant           |
| Product weight                 | 600 g                    |