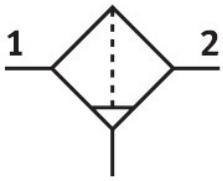
# Fine filter
# MS4N-LFM-1/4-BRM

Part number: 531810

FESTO






General operating condition

## Data sheet

| Feature | Value |
|---|---|
| Series | MS |
| Size | 4 |
| Structural design | Fiber filter |
| Grade of filtration | 1 µm |
| Condensate drain | Manually rotating |
| Symbol | 00991519 |
| Operating pressure | 0 MPa ... 1.4 MPa |
| Operating pressure | 0 bar ... 14 bar |
| Operating pressure | 0 psi ... 203 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 | 360 l/min |
| Min. standard flow rate for air quality class | 54 l/min |
| Filter efficiency | 99.99 % |
| 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 % |
| Residual oil content | 0.5 mg/m³ |
| Filter efficiency, oil aerosol | 90 % |
| 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 |
| Material of bowl | PC |
| Seals material | NBR |

| Feature | Value |
|---|---|
| Note on materials | RoHS-compliant |
| Product weight | 190 g |