

Micro filter MS9-LFM-G-AUM-HF

Part number: 564051

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|---|
| Series | MS |
| Size | 9 |
| Structural design | Fiber filter |
| Grade of filtration | 0.01 µm |
| Condensate drain | Manually rotating |
| Symbol | 00991519 |
| Operating pressure | 0 MPa ... 2 MPa |
| Operating pressure | 0 bar ... 20 bar |
| Operating pressure | 0 psi ... 290 psi |
| Operating medium | Compressed air as per ISO 8573-1:2010 [6:-:4] |
| Air quality class at the output | Compressed air as per ISO 8573-1:2010 [3:-:2] |
| Max. standard flow rate for air quality class | 7800 l/min |
| Min. standard flow rate for air quality class | 390 l/min |
| Filter efficiency | 99.9999 % |
| Max. condensate volume | 225 ml |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 7 according to ISO 14644-1 |
| 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 | 0.1 µm |
| MPPS filter efficiency | 99.968 % |
| Residual oil content | 0.01 mg/m ³ |
| Filter efficiency, oil aerosol | 99 % |
| Type of mounting | With accessories |
| Mounting position | Vertical +/- 5° |
| Pneumatic connection 1 | Battery module |
| Pneumatic connection 2 | Battery module |
| Housing material | Die-cast aluminum |
| Covering material | PA |
| Compressed air filter material | Borosilicate fiber |
| Material of bowl | Wrought aluminum alloy |

| Feature | Value |
|----------------------------|--------------|
| Inspection window material | PA |
| Seals material | NBR |
| Product weight | 2500 g |