

fine filter

MS9-LFM-1-BUM-HF

Part number: 553042

FESTO

1 µm filter, metal bowl guard, high flow rate, manual condensate drain,
flow direction from left to right.



Data sheet

| Feature | Value |
|---|--|
| Series | MS |
| Size | 9 |
| Design structure | Fibre filter |
| Grade of filtration | 1 µm |
| Condensate drain | manual rotary |
| Operating pressure | 0 ... 20 bar |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [6:8:4] |
| Air purity class at output | Compressed air to ISO 8573-1:2010 [5:7:3] |
| Max. standard flow rate for air quality class | 10,000 l/min |
| Min. standard flow rate for air quality class | 500 l/min |
| Filter efficiency | 99.99 % |
| Max. condensate volume | 225 ml |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| PWIS conformity | VDMA24364-B1/B2-L |
| Medium temperature | -10 ... 60 °C |
| Ambient temperature | -10 ... 60 °C |
| Storage temperature | -10 ... 60 °C |
| Residual oil content | 0.5 mg/m ³ |
| Explosion-proof ambient temperature | -10°C ≤ Ta ≤ +60°C |
| Mounting type | Line installation with accessories Optional |
| Assembly position | Vertical +/- 5° |
| Pneumatic connection, port 1 | G1 |
| Pneumatic connection, port 2 | G1 |
| Material housing | Aluminium die cast |
| Material of cover | PA |
| Material filter | Boron silicate fibre |
| Material bowl | Wrought Aluminium alloy |
| Material screen | PA |
| Material seals | NBR |
| Product weight | 2,500 g |