

Fine filter MS9-LFM-G-BUV-HF

Part number: 564045

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|---|
| Series | MS |
| Size | 9 |
| Structural design | Fiber filter |
| Grade of filtration | 1 µm |
| Condensate drain | Manual, non-detenting |
| Symbol | 00991520 |
| Operating pressure | 0.2 MPa ... 1.2 MPa |
| Operating pressure | 2 bar ... 12 bar |
| Operating pressure | 29 psi ... 174 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 [5:-:3] |
| Max. standard flow rate for air quality class | 10000 l/min |
| Min. standard flow rate for air quality class | 500 l/min |
| Filter efficiency | 99.99 % |
| 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 % |
| Residual oil content | 0.5 mg/m ³ |
| Filter efficiency, oil aerosol | 90 % |
| Explosive ambient temperature | -10°C ≤ Ta ≤ +60°C |
| 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 |
| Inspection window material | PA |

| Feature | Value |
|----------------|--------------|
| Seals material | NBR |
| Product weight | 2500 g |