

Fine filter MS9-LFM-3/4-BUV-HF-DA

Part number: 552978

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|---|
| Series | MS |
| Size | 9 |
| Design | Fibre filter |
| Grade of filtration | 1 µm |
| Condensate drain | Manual, non-detenting |
| Symbol | 00991544 |
| Operating pressure | 0.2 MPa ... 1.2 MPa |
| Operating pressure | 2 bar ... 12 bar |
| Operating pressure | 29 psi ... 174 psi |
| Operating medium | Compressed air to ISO 8573-1:2010 [6:-:4] |
| Air purity class at output | Compressed air to ISO 8573-1:2010:[5:-:3] |
| Max. standard flow rate for clean air class | 10000 l/min |
| Min. standard flow rate for clean air 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 |
| Media temperature | -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 % |
| Differential pressure display | Visual display |
| Explosion ambient temperature | -10°C ≤ Ta ≤ +60°C |
| Type of mounting | With accessories |
| Mounting position | Vertical +/-5° |
| Pneumatic connection, port 1 | G3/4 |
| Pneumatic connection, port 2 | G3/4 |
| Material housing | Die-cast aluminium |
| Material covering | PA |
| Material filter | Borosilicate fibre |
| Material bowl | Wrought aluminium alloy |
| Material screen | PA |
| Material seals | NBR |

| Feature | Value |
|----------------|--------|
| Product weight | 2500 g |