

Fine filter MS12-LFM-G-BUV

Part number: 537153

FESTO



 General operating condition

Data sheet

| Feature | Value |
|------------------------------------|--|
| Series | MS |
| Size | 12 |
| Design | Fibre filter |
| Grade of filtration | 1 µm |
| Condensate drain | Manual, non-detenting |
| Symbol | 00991519 |
| 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] Inert gas |
| Note on operating and pilot medium | Ester oil < 0.1mg/m ³ , according to ISO 8573-1:2010 [-:-:2] |
| Air purity class at output | Compressed air to ISO 8573-1:2010:[5:-:3] |
| Filter efficiency | 99.99 % |
| Max. condensate volume | 400 ml |
| Bowl guard | Integrated as metal bowl |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Media temperature | 5 °C ... 60 °C |
| Ambient temperature | 5 °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 % |
| Vibration resistance | Transport application test with severity level 1 to FN 942017-4 and EN 60068-2-6 |
| Shock resistance | Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 |
| Type of mounting | With mounting bracket |
| Mounting position | Vertical +/-5° |
| Material housing | Die-cast aluminium |
| Material covering | Process automation |
| Material filter | Borosilicate fibre |
| Material bowl | Wrought aluminium alloy |
| Material screen | Makrolon® |
| Material seals | NBR |

| Feature | Value |
|-------------------|----------------|
| Note on materials | RoHS compliant |
| Product weight | 7000 g |