

Filter MS12-LF-G-CUV

Part number: 537152

FESTO



General operating condition

Data sheet

| Feature | Value |
|---|---|
| Size | 12 |
| Series | MS |
| Mounting position | Vertical $\pm 5^\circ$ |
| Grade of filtration | 5 μm |
| Condensate drain | Manual, non-detenting |
| Structural design | Sinter filter with centrifugal separator |
| Bowl guard | Integrated as metal bowl |
| Degree of condensate separation | $>75\%$ |
| Symbol | 00991519 |
| Operating pressure | 2 bar ... 12 bar |
| Normal nominal flow rate (normalized to DIN 1343) | 11500 l/min ... 14000 l/min |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:9:-] Inert gases |
| Information on operating and pilot media | Ester oil $< 0.1\text{mg}/\text{m}^3$, according to ISO 8573-1:2010 [-: -:2] |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Storage temperature | 5 $^\circ\text{C}$... 60 $^\circ\text{C}$ |
| Air quality class at the output | Compressed air as per ISO 8573-1:2010 [6:8:4] |
| Temperature of medium | 5 $^\circ\text{C}$... 60 $^\circ\text{C}$ |
| Ambient temperature | 5 $^\circ\text{C}$... 60 $^\circ\text{C}$ |
| Pore size | 5 μm |
| Service life characteristic value | ≥ 1000 hrs |
| Product weight | 7000 g |
| Type of mounting | With retaining bracket |
| Pneumatic connection 1 | Internal |
| Pneumatic connection 2 | Internal |
| Covering material | PA |
| Seals material | NBR |
| Compressed air filter material | Sintered bronze |
| Housing material | Die-cast aluminum |
| Material of bowl | Wrought aluminum alloy |
| Inspection window material | PC |