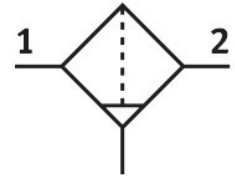



# Filter MS12-LF-G-EUV

Part number: 537151

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Size  | 12   |
| Series  | MS   |
| Mounting position                                     | Vertical +/-5°   |
| Grade of filtration                                   | 40 µm  |
| Condensate drain                                      | Fully automatic<br>Manual, non-detenting                   |
| Design  | Sintered filter with centrifugal separator                 |
| Bowl guard  | Integrated as metal bowl                                   |
| Degree of condensate separation                       | >75 %  |
| Symbol  | 00991519   |
| Operating pressure                                    | 2 bar ... 12 bar   |
| Standard nominal flow rate (standardised to DIN 1343) | 12500 l/min ... 16000 l/min                                |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [7:9:-]<br>Inert gases   |
| Note on operating and pilot medium                    | Ester oil < 0.1mg/m³, 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 °C ... 60 °C   |
| Air purity class at output                            | Compressed air to ISO 8573-1:2010 [7:8:4]                  |
| Media temperature                                     | 5 °C ... 60 °C   |
| Ambient temperature                                   | 5 °C ... 60 °C   |
| Pore size   | 40 µm  |
| Service-life value                                    | ≥1000 hrs  |
| Product weight  | 7000 g   |
| Type of mounting                                      | Either:<br>In-line installation<br>Via mounting bracket    |
| Pneumatic connection, port 1                          | Internal   |
| Pneumatic connection, port 2                          | Internal   |
| Material covering                                     | PA   |
| Material seals  | NBR  |
| Material filter                                       | Sintered bronze  |
| Material housing                                      | Die-cast aluminium   |
| Material bowl   | Wrought aluminium alloy                                    |
| Material screen                                       | PC   |