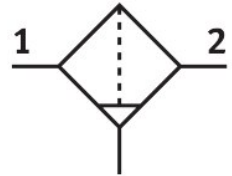


# Filter MS9-LF-G-CUM

Part number: 564108

**FESTO**



## Data sheet

| Feature                                                   | Value                                                        |
|-----------------------------------------------------------|--------------------------------------------------------------|
| Size                                                      | 9                                                            |
| Series                                                    | MS                                                           |
| Mounting position                                         | Vertical $\pm 5^\circ$                                       |
| Grade of filtration                                       | 5 $\mu\text{m}$                                              |
| Condensate drain                                          | Manual, rotating                                             |
| Structural design                                         | Sinter filter with centrifugal separator                     |
| Degree of condensate separation                           | 75 %                                                         |
| Operating pressure                                        | 0 bar...20 bar                                               |
| Operating medium                                          | Compressed air as per ISO 8573-1:2010 [:-9:-]<br>Inert gases |
| 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                             |
| Storage temperature                                       | -10 °C...60 °C                                               |
| Air quality class at the output                           | Compressed air as per ISO 8573-1:2010 [6:8:4]                |
| Temperature of medium                                     | -10 °C...60 °C                                               |
| Ambient temperature                                       | -10 °C...60 °C                                               |
| Pore size                                                 | 5 $\mu\text{m}$                                              |
| Product weight                                            | 2000 g                                                       |
| Type of mounting                                          | Alternatively:<br>In-line installation<br>With accessories   |
| Covering material                                         | PA-reinforced                                                |
| Material of spin disc                                     | POM                                                          |
| Material of filter support                                | POM                                                          |
| Note on materials                                         | RoHS compliant                                               |
| Material of sub-base                                      | Die-cast aluminum                                            |
| Material of mounting bracket                              | Die-cast aluminum                                            |
| Compressed air filter material                            | Protective grounding                                         |
| Housing material                                          | Die-cast aluminum                                            |
| Module connector material                                 | Die-cast aluminum                                            |
| Material of bowl                                          | Wrought aluminum alloy                                       |

| Feature                    | Value |
|----------------------------|-------|
| Shell sealing material     | NBR   |
| Inspection window material | PA    |
| Separating disc material   | POM   |