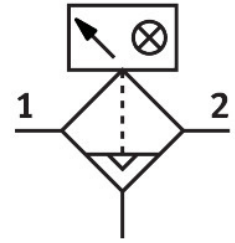


# Micro filter MS9-LFM-G-AUV-DA

Part number: 564050

**FESTO**



## Data sheet

| Feature                                       | Value                                                   |
|-----------------------------------------------|---------------------------------------------------------|
| Series                                        | MS                                                      |
| Size                                          | 9                                                       |
| Structural design                             | Fiber filter                                            |
| Grade of filtration                           | 0.01 µm                                                 |
| Condensate drain                              | Fully automatic<br>Manual, non-detenting                |
| Operating pressure                            | 0.2 MPa...1.2 MPa<br>2 bar...12 bar<br>29 psi...174 psi |
| Operating medium                              | Compressed air as per ISO 8573-1:2010 [6:::4]           |
| Air quality class at the output               | Compressed air as per ISO 8573-1:2010 [3:::2]           |
| Max. standard flow rate for air quality class | 6500 l/min                                              |
| Min. standard flow rate for air quality class | 325 l/min                                               |
| Filter efficiency                             | 99.9999 %                                               |
| Max. condensate volume                        | 225 ml                                                  |
| Corrosion resistance class (CRC)              | 2 - Moderate corrosion stress                           |
| LABS (PWIS) conformity                        | VDMA24364-B1/B2-L                                       |
| Temperature of medium                         | 5 °C...60 °C                                            |
| Ambient temperature                           | 5 °C...60 °C                                            |
| Storage temperature                           | -10 °C...60 °C                                          |
| Filter efficiency, fine particles             | 99.995 %                                                |
| MPPS                                          | 0.08 µm                                                 |
| MPPS filter efficiency                        | 99.981 %                                                |
| Residual oil content                          | 0.01 mg/m³                                              |
| Filter efficiency, oil aerosol                | 99 %                                                    |
| Differential pressure display                 | Visual display                                          |
| Type of mounting                              | Line installation<br>With accessories<br>Optionally:    |
| Mounting position                             | Vertical +/- 5°                                         |
| Pneumatic connection 1                        | Battery module                                          |

| Feature                        | Value                  |
|--------------------------------|------------------------|
| Pneumatic connection 2         | Battery module         |
| Housing material               | Die-cast aluminum      |
| Covering material              | PA                     |
| Compressed air filter material | Borosilicate fiber     |
| Material of bowl               | Wrought aluminum alloy |
| Inspection window material     | PA                     |
| Seals material                 | NBR                    |
| Product weight                 | 2000 g                 |