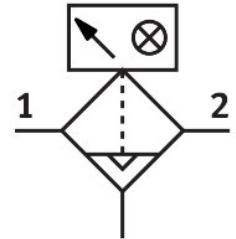


**Micro filter**  
**MS9-LFM-G-AUV-HF-DA**  
 Part number: 564054

**FESTO**



## Data sheet

| Feature                                     | Value                                                   |
|---------------------------------------------|---------------------------------------------------------|
| Series                                      | MS                                                      |
| Size                                        | 9                                                       |
| Design                                      | Fibre 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 to ISO 8573-1:2010 [6:-:4]               |
| Air purity class at output                  | Compressed air to ISO 8573-1:2010 [3:-:2]               |
| Max. standard flow rate for clean air class | 7800 l/min                                              |
| Min. standard flow rate for clean air class | 390 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                                       |
| Media temperature                           | 5 °C...60 °C                                            |
| Ambient temperature                         | 5 °C...60 °C                                            |
| Storage temperature                         | -10 °C...60 °C                                          |
| Filter efficiency, fine particles           | 99.995 %                                                |
| MPPS                                        | 0.1 µm                                                  |
| Filter efficiency MPPS                      | 99.968 %                                                |
| Residual oil content                        | 0.01 mg/m³                                              |
| Filter efficiency, oil aerosol              | 99 %                                                    |
| Differential pressure display               | Visual display                                          |
| Type of mounting                            | In-line installation<br>With accessories<br>Either:     |
| Mounting position                           | Vertical +/-5°                                          |
| Pneumatic connection, port 1                | Manifold module                                         |

| Feature                      | Value                   |
|------------------------------|-------------------------|
| Pneumatic connection, port 2 | Manifold module         |
| Material housing             | Die-cast aluminium      |
| Material covering            | PA                      |
| Material filter              | Borosilicate fibre      |
| Material bowl                | Wrought aluminium alloy |
| Material screen              | PA                      |
| Material seals               | NBR                     |
| Product weight               | 2500 g                  |