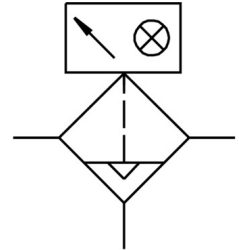


# Micro filter MS9-LFM-1-AUV-HF-DA

Part number: 553048

FESTO



## Data sheet

| Feature                                       | Value                                                |
|-----------------------------------------------|------------------------------------------------------|
| Series                                        | MS                                                   |
| Size                                          | 9                                                    |
| Type code                                     | MS9-LFM                                              |
| Design                                        | Fiber filter                                         |
| Grade of filtration                           | 0.01 µm                                              |
| Condensate drain                              | Fully automatic<br>Manual, non-detenting             |
| Symbol                                        | 00991544                                             |
| Operating pressure                            | 2 bar ... 12 bar                                     |
| Operating medium                              | Compressed air as per ISO 8573-1:2010 [6:8:4]        |
| Air quality class at the output               | Compressed air as per ISO 8573-1:2010 [1:7:2]        |
| Max. standard flow rate for air quality class | 7800 l/min                                           |
| Min. standard flow rate for air quality class | 390 l/min                                            |
| Filter efficiency                             | 99.9999 %                                            |
| Max. condensate volume                        | 225 ml                                               |
| Corrosion resistance class (CRC)              | 2 - Moderate corrosion stress                        |
| Temperature of medium                         | 5 °C ... 60 °C                                       |
| Ambient temperature                           | 5 °C ... 60 °C                                       |
| Storage temperature                           | -10 °C ... 60 °C                                     |
| Residual oil content                          | 0.01 mg/m³                                           |
| Differential pressure display                 | Visual display                                       |
| Type of mounting                              | Optionally:<br>Line installation<br>With accessories |
| Mounting position                             | Vertical +/- 5°                                      |
| Pneumatic connection 1                        | G1                                                   |
| Pneumatic connection 2                        | G1                                                   |
| 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                                | 2500 g                                               |