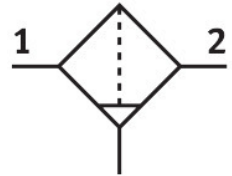


# Micro filter MS9-LFM-1-AUM-HF

Part number: 553038

**FESTO**



## Data sheet

| Feature                                     | Value                                               |
|---------------------------------------------|-----------------------------------------------------|
| Series                                      | MS                                                  |
| Size                                        | 9                                                   |
| Design                                      | Fibre filter                                        |
| Grade of filtration                         | 0.01 µm                                             |
| Condensate drain                            | Manually rotating                                   |
| Operating pressure                          | 0 MPa...2 MPa<br>0 bar...20 bar                     |
| 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                           | -10 °C...60 °C                                      |
| Ambient temperature                         | -10 °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 %                                                |
| Type of mounting                            | In-line installation<br>With accessories<br>Either: |
| Mounting position                           | Vertical +/-5°                                      |
| Pneumatic connection, port 1                | G1                                                  |
| Pneumatic connection, port 2                | G1                                                  |
| Material housing                            | Die-cast aluminium                                  |
| Material covering                           | PA                                                  |
| Material filter                             | Borosilicate fibre                                  |

| Feature         | Value                   |
|-----------------|-------------------------|
| Material bowl   | Wrought aluminium alloy |
| Material screen | PA                      |
| Material seals  | NBR                     |
| Product weight  | 2500 g                  |