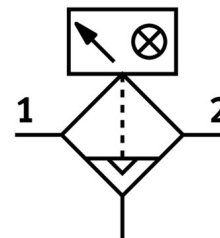


# Micro filter MS9-LFM-1-AUV-DA

Part number: 553010

FESTO



 General operating condition

## 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            |
| Symbol                                      | 00991544                                            |
| Operating pressure                          | 2 bar ... 12 bar                                    |
| Operating medium                            | Compressed air to ISO 8573-1:2010 [6:8:4]           |
| Air purity class at output                  | Compressed air to ISO 8573-1:2010 [1:7:2]           |
| Max. standard flow rate for clean air class | 6500 l/min                                          |
| Min. standard flow rate for clean air 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                                   |
| Media temperature                           | 5 °C ... 60 °C                                      |
| Ambient temperature                         | 5 °C ... 60 °C                                      |
| Storage temperature                         | -10 °C ... 60 °C                                    |
| Residual oil content                        | 0.01 mg/m <sup>3</sup>                              |
| Differential pressure display               | Visual display                                      |
| Type of mounting                            | Either:<br>In-line installation<br>With accessories |
| 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                                  |
| Material bowl                               | Wrought aluminium alloy                             |
| Material screen                             | PA                                                  |
| Material seals                              | NBR                                                 |

| Feature        | Value  |
|----------------|--------|
| Product weight | 2000 g |