

# Fine filter MS6-LFM-1/2-BUV-HF-DA

Part number: 552925

FESTO



 General operating condition

## Data sheet

| Feature                                     | Value                                                    |
|---------------------------------------------|----------------------------------------------------------|
| Series                                      | MS                                                       |
| Size                                        | 6                                                        |
| Design                                      | Fibre filter                                             |
| Grade of filtration                         | 1 µm                                                     |
| Condensate drain                            | Fully automatic<br>Manual, non-detenting                 |
| Symbol                                      | 00991544                                                 |
| Operating pressure                          | 0.2 MPa ... 1.2 MPa                                      |
| Operating pressure                          | 2 bar ... 12 bar                                         |
| Operating pressure                          | 29 psi ... 174 psi                                       |
| Operating medium                            | Compressed air to ISO 8573-1:2010 [6:-:4]<br>Inert gases |
| Air purity class at output                  | Compressed air to ISO 8573-1:2010 [5:-:3]                |
| Max. standard flow rate for clean air class | 3000 l/min                                               |
| Min. standard flow rate for clean air class | 188 l/min                                                |
| Filter efficiency                           | 99.99 %                                                  |
| Max. condensate volume                      | 38 ml                                                    |
| Bowl guard                                  | Integrated as metal bowl                                 |
| Corrosion resistance class CRC              | 2 - Moderate corrosion stress                            |
| LABS (PWIS) conformity                      | VDMA24364-B1/B2-L                                        |
| Suitable for use with food                  | See supplementary material information                   |
| Media temperature                           | -10 °C ... 60 °C                                         |
| Ambient temperature                         | -10 °C ... 60 °C                                         |
| Storage temperature                         | -10 °C ... 60 °C                                         |
| Filter efficiency, fine particles           | 99 %                                                     |
| Residual oil content                        | 0.5 mg/m <sup>3</sup>                                    |
| Filter efficiency, oil aerosol              | 90 %                                                     |
| Differential pressure display               | Visual display                                           |
| Type of mounting                            | Either:<br>In-line installation<br>With accessories      |
| Mounting position                           | Vertical +/-5°                                           |
| Pneumatic connection, port 1                | G1/2                                                     |

| Feature                      | Value                   |
|------------------------------|-------------------------|
| Pneumatic connection, port 2 | G1/2                    |
| Material housing             | Die-cast aluminium      |
| Material filter              | Borosilicate fibre      |
| Material bowl                | Wrought aluminium alloy |
| Material seals               | NBR                     |
| Note on materials            | RoHS-compliant          |
| Product weight               | 1500 g                  |