

**Fine filter**  
**MS6-LFM-1/4-BRM**  
Part number: 529667

**FESTO**



## Data sheet

| Feature                                     | Value                                                    |
|---------------------------------------------|----------------------------------------------------------|
| Series                                      | MS                                                       |
| Size                                        | 6                                                        |
| Design                                      | Fibre filter                                             |
| Grade of filtration                         | 1 µm                                                     |
| Condensate drain                            | Manually rotating                                        |
| Operating pressure                          | 0 MPa...2 MPa<br>0 bar...20 bar<br>0 psi...290 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 | 950 l/min                                                |
| Min. standard flow rate for clean air class | 140 l/min                                                |
| Filter efficiency                           | 99.99 %                                                  |
| Max. condensate volume                      | 38 cm <sup>3</sup>                                       |
| Bowl guard                                  | Plastic bowl guard                                       |
| 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 %                                                     |
| Type of mounting                            | In-line installation<br>With accessories<br>Either:      |
| Mounting position                           | Vertical +/-5°                                           |
| Pneumatic connection, port 1                | G1/4                                                     |
| Pneumatic connection, port 2                | G1/4                                                     |
| Material housing                            | Die-cast aluminium                                       |

| Feature           | Value              |
|-------------------|--------------------|
| Material filter   | Borosilicate fibre |
| Material bowl     | PC                 |
| Material seals    | NBR                |
| Note on materials | RoHS-compliant     |
| Product weight    | 600 g              |