

# fine filter

## MS6-LFM-1/2-BRV-Z

Part number: 530508

FESTO

1 µm filter, plastic bowl with plastic bowl guard, fully automatic condensate drain, flow direction from right to left.



### Data sheet

| Feature                                       | Value   |
|---|---|
| Series  | MS  |
| Size  | 6   |
| Design structure                              | Fibre filter  |
| Grade of filtration                           | 1 µm  |
| Condensate drain                              | fully automatic   |
| Operating pressure                            | 2 ... 12 bar  |
| Operating medium                              | Compressed air in accordance with ISO8573-1:2010 [6:8:4]<br>Inert gases |
| Air purity class at output                    | Compressed air to ISO 8573-1:2010 [5:7:3]                               |
| Max. standard flow rate for air quality class | 950 l/min   |
| Min. standard flow rate for air quality class | 140 l/min   |
| Filter efficiency                             | 99.99 %   |
| Max. condensate volume                        | 38 cm <sup>3</sup>  |
| Bowl guard                                    | Plastic guard   |
| Corrosion resistance classification CRC       | 2 - Moderate corrosion stress   |
| PWIS conformity                               | VDMA24364-B1/B2-L   |
| Food-safe                                     | See Supplementary material information                                  |
| Medium temperature                            | -10 ... 60 °C   |
| Ambient temperature                           | -10 ... 60 °C   |
| Storage temperature                           | -10 ... 60 °C   |
| Residual oil content                          | 0.5 mg/m <sup>3</sup>   |
| Mounting type                                 | Line installation<br>with accessories<br>Optional                       |
| Assembly position                             | Vertical +/- 5°   |
| Pneumatic connection, port 1                  | G1/2  |
| Pneumatic connection, port 2                  | G1/2  |
| Material housing                              | Aluminium die cast  |
| Material filter                               | Boron silicate fibre  |
| Material bowl                                 | PC  |
| Material seals                                | NBR   |
| Materials note                                | Conforms to RoHS  |
| Product weight                                | 600 g   |