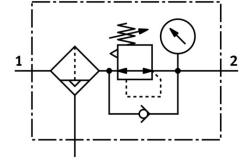


# Filter regulator MS4-LFR-1/4-D7-EUV-AS

Part number: 535722

**FESTO**



 General operating condition

## Data sheet

| Feature                                               | Value                                                                           |
|-------------------------------------------------------|---------------------------------------------------------------------------------|
| Size                                                  | 4                                                                               |
| Series                                                | MS                                                                              |
| Actuator lock                                         | Rotary knob with detent<br>can be closed with accessories                       |
| Mounting position                                     | Vertical +/-5°                                                                  |
| Grade of filtration                                   | 40 µm                                                                           |
| Condensate drain                                      | Fully automatic                                                                 |
| Design                                                | Filter regulator with pressure gauge                                            |
| Max. condensate volume                                | 25 ml                                                                           |
| Controller function                                   | Output pressure constant<br>With secondary venting<br>With return flow function |
| Bowl guard                                            | Integrated as metal bowl                                                        |
| Symbol                                                | 00991587                                                                        |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | With pressure gauge                                                             |
| Operating pressure                                    | 0.2 MPa ... 1.2 MPa                                                             |
| Operating pressure                                    | 2 bar ... 12 bar                                                                |
| Pressure regulation range                             | 0.5 bar ... 12 bar                                                              |
| Max. pressure hysteresis                              | 0.25 bar                                                                        |
| Standard nominal flow rate                            | 1500 l/min                                                                      |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [7:4:-]<br>Inert gases                        |
| Corrosion resistance class CRC                        | 2 - Moderate corrosion stress                                                   |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L                                                               |
| Storage temperature                                   | -10 °C ... 60 °C                                                                |
| Suitable for use with food                            | See supplementary material information                                          |
| Air purity class at output                            | Compressed air to ISO 8573-1:2010 [7:4:4]                                       |
| Media temperature                                     | -10 °C ... 60 °C                                                                |
| Ambient temperature                                   | -10 °C ... 60 °C                                                                |
| Product weight                                        | 475 g                                                                           |
| Type of mounting                                      | Either:<br>Front panel mounting<br>In-line installation<br>With accessories     |
| Pneumatic connection, port 1                          | G1/4                                                                            |
| Pneumatic connection, port 2                          | G1/4                                                                            |
| Note on materials                                     | RoHS-compliant                                                                  |

| Feature                   | Value                                         |
|---------------------------|-----------------------------------------------|
| Material sub-base         | Die-cast aluminium                            |
| Material control panel    | PA<br>POM                                     |
| Material seals            | NBR                                           |
| Material filter           | PE                                            |
| Material housing          | Die-cast aluminium                            |
| Material membrane         | NBR                                           |
| Material bowl             | Die-cast aluminium<br>Wrought aluminium alloy |
| Material screen           | PA                                            |
| Material separating plate | POM                                           |