

# Filter regulator MS6-LFR-AGF-D7-E-R-V

Part number: 8232924

FESTO



General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Size  | 6  |
| Series  | MS   |
| Actuator lock   | Rotary knob with detent                                |
| Mounting position                                     | Vertical +/-5°   |
| Grade of filtration                                   | 40 µm  |
| Condensate drain                                      | Fully automatic  |
| Design  | Filter regulator with pressure gauge                   |
| Max. condensate volume                                | 38 ml  |
| Controller function                                   | Output pressure constant<br>With secondary exhausting  |
| Bowl guard  | Plastic bowl guard                                     |
| Degree of condensate separation                       | >75 %  |
| 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                              | 0.025 MPa  |
| Max. pressure hysteresis                              | 0.25 bar   |
| Max. pressure hysteresis                              | 3.625 psi  |
| Standard nominal flow rate (standardised to DIN 1343) | 4500 l/min   |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [7:9:-]<br>Inert gas |
| 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 [7:8:4]              |
| Media temperature                                     | -10 °C ... 60 °C                                       |
| Ambient temperature                                   | -10 °C ... 60 °C                                       |
| Pore size   | <40 µm   |
| Product weight  | 1175 g   |
| Type of mounting                                      | With accessories                                       |
| Pneumatic connection, port 1                          | G1   |
| Pneumatic connection, port 2                          | G1   |

| <b>Feature</b>            | <b>Value</b>              |
|---------------------------|---------------------------|
| Note on materials         | RoHS compliant            |
| Material sub-base         | Die-cast aluminium        |
| Material control panel    | Process automation<br>POM |
| Material seals            | NBR                       |
| Material filter           | Packaging unit            |
| Material housing          | Die-cast aluminium        |
| Material membrane         | NBR                       |
| Material bowl             | Makrolon®                 |
| Material separating plate | POM                       |