

# Filter regulator MS6N-LFR-3/8-D7-ERV-AS

Part number: 531277

**FESTO**



[PDF](#) General operating condition

## Data sheet

| Feature                          | Value                                                      |
|----------------------------------|------------------------------------------------------------|
| Size                             | 6                                                          |
| 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<br>Manual, non-detenting                   |
| Structural design                | Filter regulator with pressure gauge                       |
| Max. condensate volume           | 38 ml                                                      |
| Controller function              | Outlet pressure constant<br>With secondary exhausting      |
| Bowl guard                       | Plastic bowl guard                                         |
| Degree of condensate separation  | >75 %                                                      |
| Symbol                           | 00991587                                                   |
| Pressure gauge                   | 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       | 4000 l/min                                                 |
| Operating medium                 | Compressed air as per ISO 8573-1:2010 [7:4:-]<br>Inert gas |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress                              |
| LABS (PWIS) conformity           | VDMA24364-B1/B2-L                                          |
| Storage temperature              | -10 °C ... 60 °C                                           |
| For use in the food industry     | See supplementary material information                     |
| Air quality class at the output  | Compressed air as per ISO 8573-1:2010 [7:4:4]              |
| Temperature of medium            | -10 °C ... 60 °C                                           |
| Ambient temperature              | -10 °C ... 60 °C                                           |
| Pore size                        | ≤40 µm                                                     |
| Product weight                   | 875 g                                                      |
| Type of mounting                 | With accessories                                           |
| Pneumatic connection 1           | 3/8 NPT                                                    |

| Feature                        | Value             |
|--------------------------------|-------------------|
| Pneumatic connection 2         | 3/8 NPT           |
| Note on materials              | RoHS-compliant    |
| Material of operator panel     | PA<br>POM         |
| Seals material                 | NBR               |
| Compressed air filter material | PE                |
| Housing material               | Die-cast aluminum |
| Diaphragm material             | NBR               |
| Material of bowl               | PC                |
| Separating disc material       | POM               |