

# Filter regulator MS6-LFR-1/2-D7-ERV-AS

Part number: 529190

**FESTO**



## Data sheet

| Feature                          | Value                                                                        |
|----------------------------------|------------------------------------------------------------------------------|
| Size                             | 6                                                                            |
| For use in the food industry     | See supplementary material information                                       |
| Type code                        | MS6-LFR                                                                      |
| 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           | 38 ml                                                                        |
| Controller function              | Outlet pressure constant<br>With secondary exhausting                        |
| Bowl guard                       | Plastic bowl guard                                                           |
| Symbol                           | 00991587                                                                     |
| Pressure gauge                   | with pressure gauge                                                          |
| Operating pressure               | 2 bar ... 12 bar                                                             |
| Pressure regulation range        | 0.5 bar ... 12 bar                                                           |
| Max. pressure hysteresis         | 0.25 bar                                                                     |
| Standard nominal flow rate       | 4500 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                                                |
| Storage temperature              | -10 °C ... 60 °C                                                             |
| Air quality class at the output  | Compressed air as per ISO 8573-1:2010 [7:4:4]                                |
| Temperature of medium            | 5 °C ... 60 °C                                                               |
| Ambient temperature              | 5 °C ... 60 °C                                                               |
| Product weight                   | 875 g                                                                        |
| Type of mounting                 | Optionally:<br>Front panel mounting<br>Line installation<br>With accessories |
| Pneumatic connection 1           | G1/2                                                                         |
| Pneumatic connection 2           | G1/2                                                                         |
| Note on materials                | RoHS-compliant                                                               |
| Material of operator panel       | PA<br>POM                                                                    |

| Feature                        | Value             |
|--------------------------------|-------------------|
| Seals material                 | NBR               |
| Compressed air filter material | PE                |
| Housing material               | Die-cast aluminum |
| Diaphragm material             | NBR               |
| Material of bowl               | PC                |
| Separating disc material       | POM               |