

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

Part number: 530338

**FESTO**



 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              | 5 µm                                                      |
| Condensate drain                 | Manually rotating                                         |
| Structural design                | Filter regulator with pressure gauge                      |
| Max. condensate volume           | 38 ml                                                     |
| Controller function              | Outlet pressure constant<br>With secondary exhausting     |
| Bowl guard                       | Integrated as metal bowl guard                            |
| Degree of condensate separation  | >75 %                                                     |
| Symbol                           | 00991589                                                  |
| Pressure gauge                   | with pressure gauge                                       |
| Operating pressure               | 0.08 MPa ... 2 MPa                                        |
| Operating pressure               | 0.8 bar ... 20 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                 | 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 [6:4:4]             |
| Temperature of medium            | -10 °C ... 60 °C                                          |
| Ambient temperature              | -10 °C ... 60 °C                                          |
| Pore size                        | <5 µm                                                     |
| Product weight                   | 1087 g                                                    |
| Type of mounting                 | With accessories                                          |
| Pneumatic connection 1           | G1/2                                                      |
| Pneumatic connection 2           | G1/2                                                      |

| Feature                        | Value                  |
|--------------------------------|------------------------|
| 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               | Wrought aluminum alloy |
| Separating disc material       | POM                    |