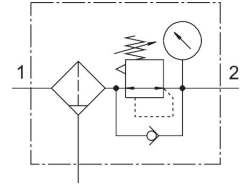


# Filter regulator MS6N-LFR-1/2-D7-CUM-AS

Part number: 531318

**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 $\pm 5^\circ$                                    |
| Grade of filtration                               | 5 $\mu\text{m}$                                           |
| Condensate drain                                  | Manual, rotating                                          |
| Structural design                                 | Filter regulator with pressure gauge                      |
| Max. condensate volume                            | 38 ml                                                     |
| Controller function                               | Constant output pressure<br>With secondary exhausting     |
| Bowl guard                                        | Integrated as metal bowl                                  |
| 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                                                 |
| Normal nominal flow rate (normalized to DIN 1343) | 4000 l/min                                                |
| Operating medium                                  | Inert gases                                               |
| 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                                         | $<5\ \mu\text{m}$                                         |
| Product weight                                    | 1087 g                                                    |
| Type of mounting                                  | With accessories                                          |
| Pneumatic connection 1                            | 1/2 NPT                                                   |
| Pneumatic connection 2                            | 1/2 NPT                                                   |

| Feature                        | Value                  |
|--------------------------------|------------------------|
| Note on materials              | RoHS compliant         |
| Material of operator panel     | PA<br>POM              |
| Seals material                 | NBR                    |
| Compressed air filter material | Protective grounding   |
| Housing material               | Die-cast aluminum      |
| Diaphragm material             | NBR                    |
| Material of bowl               | Wrought aluminum alloy |
| Separating disc material       | POM                    |