

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

Part number: 531283

FESTO



## 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                                        | Plastic bowl guard                                         |
| Degree of condensate separation                   | 75 %                                                       |
| Pressure gauge                                    | with pressure gauge                                        |
| Operating pressure                                | 0.08 MPa...2 MPa<br>0.8 bar...20 bar                       |
| Pressure regulation range                         | 0.5 bar...12 bar                                           |
| Max. pressure hysteresis                          | 0.025 MPa<br>0.25 bar<br>3.625 psi                         |
| Normal nominal flow rate (normalized to DIN 1343) | 3500 l/min                                                 |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [:-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 [6:4:4]              |
| Temperature of medium                             | -10 °C...60 °C                                             |
| Ambient temperature                               | -10 °C...60 °C                                             |
| Pore size                                         | 5 µm                                                       |
| Product weight                                    | 875 g                                                      |

| Feature                        | Value                                                                        |
|--------------------------------|------------------------------------------------------------------------------|
| Type of mounting               | Optionally:<br>Front panel mounting<br>Line installation<br>With accessories |
| Pneumatic connection 1         | 3/8 NPT                                                                      |
| 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                                                                          |