

# Filter regulator MS6-LFR-3/8-D7-E-R-V-VS

Part number: 8232909

FESTO



## Data sheet

| Feature                                           | Value                                                                              |
|---------------------------------------------------|------------------------------------------------------------------------------------|
| Size                                              | 6                                                                                  |
| Series                                            | MS                                                                                 |
| Actuator lock                                     | Rotary knob with detent                                                            |
| Mounting position                                 | Vertical $\pm 5^\circ$                                                             |
| Grade of filtration                               | 40 $\mu\text{m}$                                                                   |
| Condensate drain                                  | Fully automatic                                                                    |
| Structural design                                 | Filter regulator without pressure gauge                                            |
| Max. condensate volume                            | 38 $\text{cm}^3$                                                                   |
| Controller function                               | Constant output pressure<br>With secondary exhausting                              |
| Bowl guard                                        | Plastic bowl guard                                                                 |
| Degree of condensate separation                   | 75 %                                                                               |
| Operating pressure                                | 0.2 MPa...1.2 MPa<br>2 bar...12 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) | 4000 l/min                                                                         |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [7:9:-]<br>Inert gases                       |
| Corrosion resistance class (CRC)                  | 2 - Moderate corrosion stress                                                      |
| LABS (PWIS) conformity                            | VDMA24364-B1/B2-L                                                                  |
| Storage temperature                               | -10 $^\circ\text{C}$ ...60 $^\circ\text{C}$                                        |
| For use in the food industry                      | See supplementary material information                                             |
| Air quality class at the output                   | Compressed air as per ISO 8573-1:2010 [7:8:4]                                      |
| Temperature of medium                             | -10 $^\circ\text{C}$ ...60 $^\circ\text{C}$                                        |
| Ambient temperature                               | -10 $^\circ\text{C}$ ...60 $^\circ\text{C}$                                        |
| Pore size                                         | 40 $\mu\text{m}$                                                                   |
| Product weight                                    | 875 g                                                                              |
| Type of mounting                                  | Alternatively:<br>Front panel mounting<br>In-line installation<br>With accessories |

| Feature                        | Value                |
|--------------------------------|----------------------|
| Pneumatic connection 1         | G3/8                 |
| Pneumatic connection 2         | G3/8                 |
| 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               | PC                   |
| Separating disc material       | POM                  |