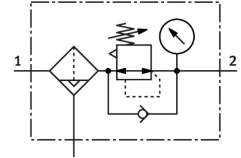


# Filter regulator MS6-LFR-1/4-D7-E-R-V-MPA

Part number: 8232900

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 with 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 %                                                         |
| Pressure gauge                                    | with pressure gauge                                          |
| 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) | 2500 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                       |

| Feature                        | Value                                    |
|--------------------------------|------------------------------------------|
|                                | In-line installation<br>With accessories |
| Pneumatic connection 1         | G1/4                                     |
| Pneumatic connection 2         | G1/4                                     |
| 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                                      |