

# Filter regulator MS4-LFR-1/4-D7-C-R-V-MPA

Part number: 8232852

FESTO



## Data sheet

| Feature                                           | Value                                                                              |
|---------------------------------------------------|------------------------------------------------------------------------------------|
| Size                                              | 4                                                                                  |
| Series                                            | MS                                                                                 |
| Actuator lock                                     | Rotary knob with detent                                                            |
| Mounting position                                 | Vertical +/- 5°                                                                    |
| Grade of filtration                               | 5 µm                                                                               |
| Condensate drain                                  | Fully automatic<br>Manual, non-detenting                                           |
| Structural design                                 | Filter regulator with pressure gauge                                               |
| Max. condensate volume                            | 19 ml                                                                              |
| Controller function                               | Outlet pressure constant<br>With secondary exhausting<br>With return flow function |
| 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) | 1200 l/min                                                                         |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [7:4:-]<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                                    | 275 g                                                                              |

| Feature                        | Value                                                                        |
|--------------------------------|------------------------------------------------------------------------------|
| Type of mounting               | Optionally:<br>Front panel mounting<br>Line installation<br>With accessories |
| Pneumatic connection 1         | G1/4                                                                         |
| Pneumatic connection 2         | G1/4                                                                         |
| Note on materials              | RoHS-compliant                                                               |
| Material of sub-base           | Die-cast aluminum                                                            |
| 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                                                                          |