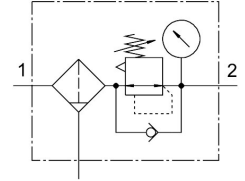


# Filter regulator MS4-LFR-1/8-D7-E-R-M-MPA

Part number: 8232858

FESTO



## Data sheet

| Feature                                               | Value                                                                           |
|-------------------------------------------------------|---------------------------------------------------------------------------------|
| Size                                                  | 4                                                                               |
| Series                                                | MS                                                                              |
| Actuator lock                                         | Rotary knob with detent                                                         |
| Mounting position                                     | Vertical +/- 5°                                                                 |
| Grade of filtration                                   | 40 µm                                                                           |
| Condensate drain                                      | Manually rotating                                                               |
| Design                                                | Filter regulator with pressure gauge                                            |
| Max. condensate volume                                | 19 ml                                                                           |
| Controller function                                   | Output pressure constant<br>With secondary venting<br>With return flow function |
| Bowl guard                                            | Plastic bowl guard                                                              |
| Degree of condensate separation                       | 75 %                                                                            |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | With pressure gauge                                                             |
| Operating pressure                                    | 0.08 MPa...1.4 MPa<br>0.8 bar...14 bar                                          |
| Pressure regulation range                             | 0.5 bar...12 bar                                                                |
| Max. pressure hysteresis                              | 0.025 MPa<br>0.25 bar<br>3.625 psi                                              |
| Standard nominal flow rate (standardised to DIN 1343) | 900 l/min                                                                       |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [-:4:-]<br>Inert gases                        |
| Corrosion resistance class CRC                        | 2 - Moderate corrosion stress                                                   |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L                                                               |
| Storage temperature                                   | -10 °C...60 °C                                                                  |
| Suitable for use with food                            | See supplementary material information                                          |
| Air purity class at output                            | Compressed air to ISO 8573-1:2010 [7:4:4]                                       |
| Media temperature                                     | -10 °C...60 °C                                                                  |
| Ambient temperature                                   | -10 °C...60 °C                                                                  |
| Pore size                                             | 40 µm                                                                           |
| Product weight                                        | 275 g                                                                           |

| Feature                      | Value                                                                       |
|------------------------------|-----------------------------------------------------------------------------|
| Type of mounting             | Either:<br>Front panel mounting<br>In-line installation<br>With accessories |
| Pneumatic connection, port 1 | G1/8                                                                        |
| Pneumatic connection, port 2 | G1/8                                                                        |
| Note on materials            | RoHS-compliant                                                              |
| Material sub-base            | Die-cast aluminium                                                          |
| Material control panel       | PA<br>POM                                                                   |
| Material seals               | NBR                                                                         |
| Material filter              | PE                                                                          |
| Material housing             | Die-cast aluminium                                                          |
| Material membrane            | NBR                                                                         |
| Material bowl                | PC                                                                          |
| Material separating plate    | POM                                                                         |