

# Filter regulator MS4-LFR-1/4-D6-E-P-VC-AG-BAR-B

Part number: 8098264

**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                                      | Fully automatic<br>Manual, non-detenting                                        |
| Design                                                | Filter regulator with pressure gauge<br>Directly actuated piston regulator      |
| Max. condensate volume                                | 16.5 ml                                                                         |
| Controller function                                   | Output pressure constant<br>With secondary venting<br>With return flow function |
| Degree of condensate separation                       | 75 %                                                                            |
| Displayable units                                     | bar<br>psi                                                                      |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | With pressure gauge                                                             |
| Operating pressure                                    | 0.2 MPa...1 MPa<br>2 bar...10 bar                                               |
| Pressure regulation range                             | 0.3 bar...7 bar                                                                 |
| Max. pressure hysteresis                              | 0.05 MPa<br>0.5 bar<br>7.25 psi                                                 |
| Standard nominal flow rate (standardised to DIN 1343) | 1700 l/min                                                                      |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [7:4:4]<br>Inert gases                        |
| Corrosion resistance class CRC                        | 1 - Low corrosion stress                                                        |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L                                                               |
| Cleanroom class                                       | Class 7 according to ISO 14644-1                                                |
| Storage temperature                                   | -5 °C...50 °C                                                                   |
| Air purity class at output                            | Compressed air to ISO 8573-1:2010 [7:4:4]                                       |
| Media temperature                                     | 5 °C...50 °C                                                                    |
| Ambient temperature                                   | 5 °C...50 °C                                                                    |
| Pore size                                             | 40 µm                                                                           |

| Feature                      | Value                                                                       |
|------------------------------|-----------------------------------------------------------------------------|
| Product weight               | 216 g                                                                       |
| Type of mounting             | Front panel mounting<br>In-line installation<br>With accessories<br>Either: |
| Pneumatic connection, port 1 | G1/4                                                                        |
| Pneumatic connection, port 2 | G1/4                                                                        |
| Note on materials            | RoHS-compliant                                                              |
| Material seals               | NBR                                                                         |
| Material rotary knob         | POM                                                                         |
| Material spring              | High-alloy steel<br>Galvanised steel                                        |
| Material filter              | PE                                                                          |
| Material housing             | PA-reinforced                                                               |
| Material bowl                | PC                                                                          |
| Material valve stem          | POM                                                                         |