

# Filter regulator MS4-LFR-1/4-D6-C-P-VC-AG-MPA-B

Part number: 8098266

**FESTO**



[PDF](#) General operating condition

## 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<br>Directly controlled piston regulator       |
| Max. condensate volume           | 16.5 ml                                                                            |
| Controller function              | Outlet pressure constant<br>With secondary exhausting<br>With return flow function |
| Degree of condensate separation  | >75 %                                                                              |
| Symbol                           | 00991587                                                                           |
| Displayable unit(s)              | MPa                                                                                |
| Pressure gauge                   | with pressure gauge                                                                |
| Operating pressure               | 0.2 MPa ... 1 MPa                                                                  |
| Operating pressure               | 2 bar ... 10 bar                                                                   |
| Pressure regulation range        | 0.3 bar ... 7 bar                                                                  |
| Max. pressure hysteresis         | 0.05 MPa                                                                           |
| Max. pressure hysteresis         | 0.5 bar                                                                            |
| Max. pressure hysteresis         | 7.25 psi                                                                           |
| Standard nominal flow rate       | 1500 l/min                                                                         |
| Operating medium                 | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gas                         |
| 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 quality class at the output  | Compressed air as per ISO 8573-1:2010 [6:4:4]                                      |
| Temperature of medium            | 5 °C ... 50 °C                                                                     |
| Ambient temperature              | 5 °C ... 50 °C                                                                     |
| Pore size                        | <5 µm                                                                              |
| Product weight                   | 216 g                                                                              |
| Type of mounting                 | With accessories                                                                   |

| Feature                        | Value                                 |
|--------------------------------|---------------------------------------|
| Pneumatic connection 1         | G1/4                                  |
| Pneumatic connection 2         | G1/4                                  |
| Note on materials              | RoHS-compliant                        |
| Seals material                 | NBR                                   |
| Rotary knob material           | POM                                   |
| Material of spring             | High-alloy steel<br>Steel, galvanized |
| Compressed air filter material | PE                                    |
| Housing material               | PA-reinforced                         |
| Material of bowl               | PC                                    |
| Valve tappet material          | POM                                   |