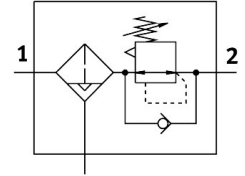


# Filter regulator MS6-LFR-1/2-D6-C-P-VC-A8-B

Part number: 8098303

**FESTO**



## Data sheet

| Feature                                  | Value                                                                              |
|------------------------------------------|------------------------------------------------------------------------------------|
| Size                                     | 6                                                                                  |
| 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 without pressure gauge<br>Directly controlled piston regulator    |
| Max. condensate volume                   | 27.3 ml                                                                            |
| Controller function                      | Outlet pressure constant<br>With secondary exhausting<br>With return flow function |
| Degree of condensate separation          | 75 %                                                                               |
| Pressure gauge                           | G1/8 prepared                                                                      |
| Operating pressure                       | 0.2 MPa...1 MPa<br>2 bar...10 bar                                                  |
| Pressure regulation range                | 0.3 bar...7 bar                                                                    |
| Max. pressure hysteresis                 | 0.035 MPa<br>0.35 bar<br>5.075 psi                                                 |
| Standard nominal flow rate               | 4750 l/min                                                                         |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gas                         |
| Information on operating and pilot media | Compatibility with ester oil not given                                             |
| 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                                                                               |

| Feature                        | Value                                                                        |
|--------------------------------|------------------------------------------------------------------------------|
| Product weight                 | 585 g                                                                        |
| Type of mounting               | Front panel mounting<br>Line installation<br>With accessories<br>Optionally: |
| Pneumatic connection 1         | G1/2                                                                         |
| Pneumatic connection 2         | G1/2                                                                         |
| 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                                                                          |