

# Filter regulator LFR-1/4-DB-7-MINI-H

Part number: 539686

**FESTO**



## Data sheet

| Feature                          | Value                                                                          |
|----------------------------------|--------------------------------------------------------------------------------|
| Size                             | Mini                                                                           |
| Width                            | 44 mm                                                                          |
| Series                           | DB                                                                             |
| Actuator lock                    | Rotary knob with detent                                                        |
| Mounting position                | Vertical +/- 5°                                                                |
| Grade of filtration              | 40 µm                                                                          |
| Condensate drain                 | Semi-automatic                                                                 |
| Structural design                | Filter regulator with pressure gauge                                           |
| Controller function              | With secondary exhausting<br>With return flow function                         |
| Pressure gauge                   | with pressure gauge                                                            |
| Operating pressure               | 0.15 MPa...1 MPa<br>1.5 bar...10 bar                                           |
| Pressure regulation range        | 0.5 bar...7 bar                                                                |
| Max. pressure hysteresis         | 0.5 bar                                                                        |
| Standard nominal flow rate       | 1200 l/min                                                                     |
| Operating medium                 | Compressed air as per ISO 8573-1:2010 [:-9:-]<br>Inert gas                     |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress                                                       |
| LABS (PWIS) conformity           | VDMA24364-B1/B2-L                                                              |
| Air quality class at the output  | Compressed air as per ISO 8573-1:2010 [7:8:4]<br>Inert gas                     |
| Temperature of medium            | -5 °C...50 °C                                                                  |
| Ambient temperature              | -5 °C...50 °C                                                                  |
| Product weight                   | 200 g                                                                          |
| Type of mounting                 | Optionally:<br>Line installation<br>With through-hole<br>With mounting bracket |
| Pressure gauge connection        | G1/8                                                                           |
| Pneumatic connection 1           | G1/4                                                                           |
| Pneumatic connection 2           | G¼                                                                             |
| Note on materials                | RoHS-compliant                                                                 |

| Feature                        | Value         |
|--------------------------------|---------------|
| Seals material                 | NBR           |
| Rotary knob material           | POM           |
| Compressed air filter material | PE            |
| Housing material               | PA-reinforced |
| Material of bowl               | PC            |