

# Filter regulator LFR-1/8-D-7-MINI

Part number: 162702

**FESTO**



## Data sheet

| Feature                                           | Value                                                              |
|---------------------------------------------------|--------------------------------------------------------------------|
| Size                                              | Mini                                                               |
| Series                                            | D                                                                  |
| Actuator lock                                     | Rotary knob with detent                                            |
| Mounting position                                 | Vertical $\pm 5^\circ$                                             |
| Grade of filtration                               | 40 $\mu\text{m}$                                                   |
| Condensate drain                                  | Manual, rotating                                                   |
| Structural design                                 | Filter regulator with pressure gauge                               |
| Max. condensate volume                            | 22 $\text{cm}^3$                                                   |
| Bowl guard                                        | Metal bowl guard                                                   |
| Pressure gauge                                    | with pressure gauge                                                |
| Operating pressure                                | 0.1 MPa...1.6 MPa<br>1 bar...16 bar                                |
| Pressure regulation range                         | 0.5 bar...7 bar                                                    |
| Max. pressure hysteresis                          | 0.2 bar                                                            |
| Normal nominal flow rate (normalized to DIN 1343) | 900 l/min                                                          |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [::9:]<br>Inert gases        |
| Information on operating and pilot media          | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC)                  | 2 - Moderate corrosion stress                                      |
| LABS (PWIS) conformity                            | VDMA24364-B1/B2-L                                                  |
| Storage temperature                               | -10 $^\circ\text{C}$ ...60 $^\circ\text{C}$                        |
| Air quality class at the output                   | Compressed air as per ISO 8573-1:2010 [7:8:4]<br>Inert gases       |
| Temperature of medium                             | -10 $^\circ\text{C}$ ...60 $^\circ\text{C}$                        |
| Ambient temperature                               | -10 $^\circ\text{C}$ ...60 $^\circ\text{C}$                        |
| Product weight                                    | 460 g                                                              |
| Type of mounting                                  | Alternatively:<br>In-line installation<br>With accessories         |
| Pneumatic connection 1                            | G1/8                                                               |
| Pneumatic connection 2                            | G1/8                                                               |
| Note on materials                                 | RoHS compliant                                                     |
| Housing material                                  | Die-cast zinc                                                      |

| Feature          | Value |
|------------------|-------|
| Material of bowl | PC    |