

# Filter regulator LFR-1-D-7-DI-MAXI-MPA

Part number: 8002399

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Size  | Maxi   |
| Series  | D  |
| Actuator lock                                     | Rotary knob with detent  |
| Mounting position                                 | Vertical +/- 5°  |
| Grade of filtration                               | 40 µm  |
| Condensate drain                                  | Manually rotating  |
| Structural design                                 | Filter regulator with pressure gauge                               |
| Max. condensate volume                            | 43 ml  |
| Bowl guard  | Metal bowl guard   |
| Symbol  | 00991589   |
| Pressure gauge                                    | with pressure gauge  |
| Operating pressure                                | 0.1 MPa ... 1.6 MPa  |
| Operating pressure                                | 1 bar ... 16 bar   |
| Pressure regulation range                         | 0.5 bar ... 7 bar  |
| Max. pressure hysteresis                          | 0.04 MPa   |
| Max. pressure hysteresis                          | 0.4 bar  |
| Max. pressure hysteresis                          | 5.8 psi  |
| Normal nominal flow rate (normalized to DIN 1343) | 7800 l/min   |
| Operating medium                                  | Inert gas  |
| 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 °C ... 60 °C   |
| Air quality class at the output                   | Compressed air as per ISO 8573-1:2010 [7:8:4]<br>Inert gas         |
| Temperature of medium                             | -10 °C ... 60 °C   |
| Ambient temperature                               | -10 °C ... 60 °C   |
| Product weight                                    | 1670 g   |
| Type of mounting                                  | Line installation  |
| Pneumatic connection 1                            | G1   |
| Pneumatic connection 2                            | G1   |
| Note on materials                                 | RoHS-compliant   |
| Housing material                                  | Die-cast zinc  |
| Material of bowl                                  | PC   |