

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

Part number: 8002278

**FESTO**



General operating condition

## Data sheet

| Feature                                               | Value                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Size                                                  | Mini                                                                                       |
| Series                                                | D                                                                                          |
| Actuator lock                                         | Rotary knob with detent                                                                    |
| Mounting position                                     | Vertical +/-5°                                                                             |
| Grade of filtration                                   | 40 µm                                                                                      |
| Condensate drain                                      | Manually rotating                                                                          |
| Design                                                | Filter regulator with pressure gauge                                                       |
| Max. condensate volume                                | 22 ml                                                                                      |
| Bowl guard                                            | Metal bowl guard                                                                           |
| Symbol                                                | 00991585                                                                                   |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | With pressure gauge                                                                        |
| Operating pressure                                    | 0.1 MPa ... 1.6 MPa                                                                        |
| Operating pressure                                    | 1 bar ... 16 bar                                                                           |
| Pressure regulation range                             | 0.5 bar ... 12 bar                                                                         |
| Max. pressure hysteresis                              | 0.2 bar                                                                                    |
| Standard nominal flow rate (standardised to DIN 1343) | 750 l/min                                                                                  |
| Operating medium                                      | Inert gases                                                                                |
| Note on operating and pilot medium                    | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC                        | 2 - Moderate corrosion stress                                                              |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L                                                                          |
| Storage temperature                                   | -10 °C ... 60 °C                                                                           |
| Air purity class at output                            | Compressed air to ISO 8573-1:2010 [7:8:4]<br>Inert gases                                   |
| Media temperature                                     | -10 °C ... 60 °C                                                                           |
| Ambient temperature                                   | -10 °C ... 60 °C                                                                           |
| Product weight                                        | 460 g                                                                                      |
| Type of mounting                                      | With accessories                                                                           |
| Pneumatic connection, port 1                          | G1/8                                                                                       |
| Pneumatic connection, port 2                          | G1/8                                                                                       |
| Note on materials                                     | RoHS-compliant                                                                             |
| Material housing                                      | Die-cast zinc                                                                              |
| Material bowl                                         | PC                                                                                         |