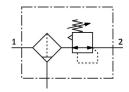
## Filter regulator LFR-N1/2-D-16-O-MIDI-T18-EX4 Part number: 4772779

**FESTO** 





## **Data sheet**

| Feature   | Value  |
|---|--|
| Size  | Midi   |
| 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 without pressure gauge  |
| Max. condensate volume                            | 42 cm³   |
| Bowl guard  | Integrated as metal bowl guard   |
| Pressure gauge                                    | G1/4 prepared  |
| Operating pressure                                | 0.1 MPa2 MPa<br>1 bar20 bar  |
| Pressure regulation range                         | 0.5 bar16 bar  |
| Max. pressure hysteresis                          | 0.02 MPa<br>2.9 psi  |
| Standard nominal flow rate                        | 1970 l/min   |
| CE marking (see declaration of conformity)        | as per EU explosion protection directive (ATEX)  |
| UKCA marking (see declaration of conformity)      | acc. to UK EX instructions   |
| Explosion protection certification outside the EU | EPL Db (GB)<br>EPL Gb (GB)   |
| Explosion prevention and protection               | Zone 1 (ATEX) Zone 1 (UKEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (UKEX) Zone 22 (ATEX) |
| ATEX category gas                                 | II 2G  |
| ATEX category for dust                            | II 2D  |
| Type of ignition protection for gas               | Ex h IIC T6 Gb X   |
| Type of (ignition) protection for dust            | Ex h IIIC T85°C Db X   |
| Explosive ambient temperature                     | -20°C <= Ta <= +80°C   |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [-:9:-]<br>Inert gas                             |
| Information on operating and pilot media          | Operation with oil lubrication possible (required for further use)                     |

| Feature                          | Value  |
|----------------------------------|--|
| Corrosion resistance class (CRC) | 3 - High corrosion stress                                  |
| LABS (PWIS) conformity           | VDMA24364 zone III   |
| Storage temperature              | -20 °C80 °C  |
| Air quality class at the output  | Compressed air as per ISO 8573-1:2010 [7:8:4]<br>Inert gas |
| Temperature of medium            | -20 °C80 °C  |
| Ambient temperature              | -20 °C80 °C  |
| Product weight                   | 1400 g   |
| Type of mounting                 | Line installation With accessories Optionally:             |
| Pneumatic connection 1           | 1/2 NPT  |
| Pneumatic connection 2           | 1/2 NPT  |
| Note on materials                | RoHS-compliant   |
| Housing material                 | Die-cast zinc  |
| Material of bowl                 | Wrought aluminum alloy                                     |