

# filter regulator

## LFR-1/4-D-5M-O-MIDI-T3-EX4

Part number: 5271792

FESTO



## Data sheet

| Feature   | Value   |
|---|---|
| Size  | Midi  |
| Series  | D   |
| Actuator lock                                     | Rotary knob with lock   |
| Assembly position                                 | Vertical +/- 5°   |
| Grade of filtration                               | 5 µm  |
| Condensate drain                                  | manual rotary   |
| Design structure                                  | Filter regulator without pressure gauge                                     |
| Max. condensate volume                            | 42 cm <sup>3</sup>  |
| Bowl guard  | integrated as metal shell   |
| Pressure gauge                                    | Prepared for G1/4   |
| Operating pressure MPa                            | 0.1 ... 2 MPa   |
| Operating pressure                                | 1 ... 20 bar  |
| Pressure regulation range                         | 0.5 ... 12 bar  |
| Max. pressure hysteresis (MPa)                    | 0.02 MPa  |
| Max. pressure hysteresis                          | 2.9 psi   |
| Standard nominal flow rate                        | 1,600 l/min   |
| CE mark (see declaration of conformity)           | to EU directive explosion protection (ATEX)                                 |
| UKCA marking (see declaration of conformity)      | To UK EX instructions   |
| Explosion protection certification outside the EU | EPL Db (GB)<br>EPL Gb (GB)  |
| ATEX category Gas                                 | II 2G   |
| ATEX category Dust                                | II 2D   |
| Explosion ignition protection type Gas            | Ex h IIC T6 Gb X  |
| Explosion ignition protection type Dust           | Ex h IIIC T85°C Db X  |
| Explosion-proof ambient temperature               | -40°C ≤ Ta ≤ +80°C  |
| Operating medium                                  | Compressed air to ISO 8573-1:2010 [:-9:-]<br>Inert gases                    |
| Note on operating and pilot medium                | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC           | 3 - High corrosion stress   |
| PWIS conformity                                   | VDMA24364 zone III  |
| Storage temperature                               | -40 ... 80 °C   |
| Air purity class at output                        | Compressed air in accordance with ISO8573-1:2010 [6:8:4]<br>Inert gases     |
| Medium temperature                                | -40 ... 80 °C   |
| Ambient temperature                               | -40 ... 80 °C   |
| Product weight                                    | 1,400 g   |
| Mounting type                                     | Line installation<br>with accessories<br>Optional                           |
| Pneumatic connection, port 1                      | G1/4  |
| Pneumatic connection, port 2                      | G1/4  |
| Materials note                                    | Conforms to RoHS  |
| Material housing                                  | Zinc die-casting  |
| Material bowl                                     | Wrought Aluminium alloy   |