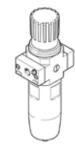
## filter regulator LFR-1/4-D-5M-O-MIDI-T3-EX4 Part number: 5271792



## **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 cm3   |
| 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)  |
|   | 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:-]                        |
|   | 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]         |
|   | Inert gases  |
| Medium temperature                                | -40 80 °C  |
| Ambient temperature                               | -40 80 °C  |
| Product weight                                    | 1,400 g  |
| Mounting type                                     | Line installation  |
|   | with accessories   |
|   | 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  |



