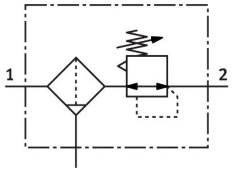
# Filter regulator
# LFR-1/2-D-16-O-MIDI-T3-EX4

Part number: 5271799




## 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 | Manual, rotating |
| Design | Filter regulator without pressure gauge |
| Max. condensate volume | 42 cm³ |
| Bowl guard | Integrated as metal bowl |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/4 |
| Operating pressure | 0.1 MPa...2 MPa<br>1 bar...20 bar |
| Pressure regulation range | 0.5 bar...16 bar |
| Max. pressure hysteresis | 0.02 MPa<br>2.9 psi |
| Standard nominal flow rate (standardised to DIN 1343) | 1760 l/min |
| CE mark (see declaration of conformity) | To EU Explosion Protection Directive (ATEX) |
| UKCA marking (see declaration of conformity) | To UK EX instructions |
| Explosion protection certification outside the EU | EPL Db (GB)<br>EPL Gb (GB) |
| Explosion protection | Zone 1 (ATEX)<br>Zone 1 (UKEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 21 (UKEX)<br>Zone 22 (ATEX) |
| ATEX category gas | II 2G |
| ATEX category dust | II 2D |
| Explosion ignition protection type for gas | Ex h IIC T6 Gb X |
| Explosion ignition protection type for dust | Ex h IIIC T85°C Db X |
| Explosion ambient temperature | -40°C <= Ta <= +80°C |
| Operating medium | Compressed air to ISO 8573-1:2010 [-:9:-]<br>Inert gas |

| Feature | Value |
|---|---|
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC | 3 - high corrosion stress |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Storage temperature | -40 °C...80 °C |
| Air purity class at output | Compressed air to ISO 8573-1:2010 [7:8:4]<br>Inert gas |
| Media temperature | -40 °C...80 °C |
| Ambient temperature | -40 °C...80 °C |
| Product weight | 1400 g |
| Type of mounting | Either:<br>Inline installation<br>With accessories |
| Pneumatic connection, port 1 | G1/2 |
| Pneumatic connection, port 2 | G1/2 |
| Note on materials | RoHS compliant |
| Material housing | Die-cast zinc |
| Material bowl | Wrought aluminium alloy |