

Filter regulator

LFR-N1/2-D-5M-O-MIDI-T3-EX4

Part number: 5271804

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 ³ |
| Bowl guard | integrated as metal shell |
| Pressure gauge | Prepared for G1/4 |
| Operating pressure MPa | 0.1 ... 2 MPa |
| Working 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 | 2,600 l/min |
| CE symbol (see declaration of conformity) | according to EU-Ex protection guideline (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 | 1/2 NPT |
| Pneumatic connection, port 2 | 1/2 NPT |
| Materials note | Conforms to RoHS |
| Material housing | Zinc die-casting |
| Material bowl | Wrought Aluminum alloy |