

Filter regulator LFR-1/4-D-O-MIDI-T3-EX4

Part number: 5271793

FESTO



[General operating condition](#)

Data sheet

| Feature | Value |
|---|---|
| Size | Midi |
| Series | D |
| Actuator lock | Rotary knob with detent |
| Mounting position | Vertical $\pm 5^\circ$ |
| Grade of filtration | 40 μm |
| Condensate drain | Manual, rotating |
| Structural design | Filter regulator without pressure gauge |
| Max. condensate volume | 42 ml |
| Bowl guard | Integrated as metal bowl |
| Symbol | 00991586 |
| Pressure gauge | Set up for G1/4 |
| Operating pressure | 0.1 MPa ... 2 MPa |
| Operating pressure | 1 bar ... 20 bar |
| Pressure regulation range | 0.5 bar ... 12 bar |
| Max. pressure hysteresis | 0.02 MPa |
| Max. pressure hysteresis | 2.9 psi |
| Normal nominal flow rate (normalized to DIN 1343) | 2000 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) 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 | $-40^\circ\text{C} \leq T_a \leq +80^\circ\text{C}$ |
| Operating medium | Inert gases |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC) | 3 - High corrosion stress |
| LABS (PWIS) conformity | VDMA24364 Zone III |

| Feature | Value |
|---------------------------------|--|
| Storage temperature | -40 °C ... 80 °C |
| Air quality class at the output | Compressed air as per ISO 8573-1:2010 [7:8:4] Inert gases |
| Temperature of medium | -40 °C ... 80 °C |
| Ambient temperature | -40 °C ... 80 °C |
| Product weight | 1400 g |
| Type of mounting | With accessories |
| Pneumatic connection 1 | G1/4 |
| Pneumatic connection 2 | G1/4 |
| Note on materials | RoHS compliant |
| Housing material | Die-cast zinc |
| Material of bowl | Wrought aluminum alloy |