

Filter regulator

LFR-N1/2-D-16-5M-O-MIDI-T3-EX4

Part number: 5271806

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 ... 16 bar
Max. pressure hysteresis (MPa)	0.02 MPa
Max. pressure hysteresis	2.9 psi
Standard nominal flow rate	1,660 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