

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	1 ... 20 bar
Pressure regulation range	0.5 ... 16 bar
Max. pressure hysteresis	0.2 bar
Standard nominal flow rate	1,660 l/min
CE mark (see declaration of conformity)	to EU directive explosion protection (ATEX)
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
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	NPT1/2-14
Pneumatic connection, port 2	NPT1/2-14
Materials note	Conforms to RoHS
Material housing	Zinc die-casting
Material bowl	Wrought Aluminium alloy