

Filter regulator

LFR-1/2-D-16-5M-O-MIDI-T18-EX4

FESTO

Part number: 4772770



Data sheet

Feature	Value
Size	Midi
Type code	LFR
Series	D
Actuator lock	Rotary knob with detent
Mounting position	Vertical +/- 5°
Grade of filtration	5 µm
Condensate drain	Manually rotating
Structural design	Filter regulator without pressure gauge
Max. condensate volume	42 ml
Bowl guard	Integrated as metal bowl guard
Symbol	00991586
Pressure gauge	G1/4 prepared
Operating pressure	0.1 MPa ... 2 MPa
Operating pressure	1 bar ... 20 bar
Pressure regulation range	0.5 bar ... 16 bar
Max. pressure hysteresis	0.2 bar
Standard nominal flow rate	1665 l/min
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX)
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) 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	-20°C ≤ Ta ≤ +80°C
Operating medium	Compressed air as per ISO 8573-1:2010 [-:9:-] Inert gas
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	3 - High corrosion stress
Storage temperature	-20 °C ... 80 °C
Air quality class at the output	Compressed air as per ISO 8573-1:2010 [6:8:4] Inert gas
Temperature of medium	-20 °C ... 80 °C
Ambient temperature	-20 °C ... 80 °C
Product weight	1400 g

Feature	Value
Type of mounting	Optionally: Line installation With accessories
Pneumatic connection 1	G1/2
Pneumatic connection 2	G1/2
Note on materials	RoHS-compliant
Housing material	Die-cast zinc
Material of bowl	Wrought aluminum alloy