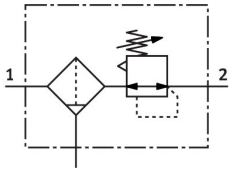
Filter regulator
LFR-1/2-D-16-5M-O-MIDI-T18-EX4

Part number: 4772770



Data sheet

Feature	Value
Size	Midi
Series	D
Actuator lock	Rotary knob with detent
Mounting position	Vertical +/-5°
Grade of filtration	5 µm
Condensate drain	Manual, rotating
Design	Filter regulator without pressure gauge
Max. condensate volume	42 cm³
Bowl guard	Integrated as metal bowl
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	Prepared for G1/4
Operating pressure	0.1 MPa...2 MPa 1 bar...20 bar
Pressure regulation range	0.5 bar...16 bar
Max. pressure hysteresis	0.02 MPa 2.9 psi
Standard nominal flow rate (standardised to DIN 1343)	1665 l/min
CE mark (see declaration of conformity)	To EU Explosion Protection Directive (ATEX)
UKCA marking (see declaration of conformity)	To UK EX instructions
Explosion protection certification outside the EU	EPL Db (GB) EPL Gb (GB)
Explosion 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 dust	II 2D
Explosion ignition protection type for gas	Ex h IIC T6 Gb X
Explosion ignition protection type for dust	Ex h IIIC T85°C Db X
Explosion ambient temperature	-20°C <= Ta <= +80°C
Operating medium	Compressed air to ISO 8573-1:2010 [-:9:-] Inert gas

Feature	Value
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	3 - high corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Storage temperature	-20 °C...80 °C
Air purity class at output	Compressed air to ISO 8573-1:2010 [6:8:4] Inert gas
Media temperature	-20 °C...80 °C
Ambient temperature	-20 °C...80 °C
Product weight	1400 g
Type of mounting	Either: Inline installation With accessories
Pneumatic connection, port 1	G1/2
Pneumatic connection, port 2	G1/2
Note on materials	RoHS compliant
Material housing	Die-cast zinc
Material bowl	Wrought aluminium alloy