

Filter regulator

LFR-1/4-DB-7-5M-O-MINI-H

Part number: 537646

FESTO



Data sheet

Feature	Value
Size	Mini
Width	44 mm
Series	DB
Actuator lock	Rotary knob with detent
Mounting position	Vertical +/-5°
Grade of filtration	5 µm
Condensate drain	Semi-automatic
Design	Filter regulator without pressure gauge
Controller function	With secondary venting With return flow function
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	Prepared for G1/8
Operating pressure	0.15 MPa...1 MPa 1.5 bar...10 bar
Pressure regulation range	0.5 bar...7 bar
Max. pressure hysteresis	0.5 bar
Standard nominal flow rate (standardised to DIN 1343)	1000 l/min
Operating medium	Compressed air to ISO 8573-1:2010 [-:9:-] Inert gases
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Air purity class at output	Compressed air to ISO 8573-1:2010 [6:8:4] Inert gases
Media temperature	-5 °C...50 °C
Ambient temperature	-5 °C...50 °C
Product weight	200 g
Type of mounting	Either: In-line installation With through-hole Via mounting bracket
Pressure gauge connection	G1/8
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Note on materials	RoHS-compliant

Feature	Value
Material seals	NBR
Material rotary knob	POM
Material filter	PE
Material housing	PA-reinforced
Material bowl	PC