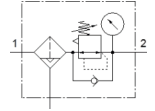


filter regulator MS12-LFR-G-D7-EUV-LD-AS

Part number: 537149

FESTO

Maximum output pressure 12 bar, 40 µm filter, with pressure gauge, lockable regulator head, metal bowl guard, fully automatic condensate drain, flow direction from left to right.



Data sheet

Feature	values
Size	12
Series	MS
Actuator lock	Rotary knob with lock with accessories, lockable
Assembly position	Vertical +/- 5°
Grade of filtration	40 µm
Condensate drain	fully automatic manual momentary-contact
Design structure	Filter regulator with pressure gauge Sintered filter with centrifugal separator With condensate drain with secondary exhaust modular Pilot actuated diaphragm regulator
Max. condensate volume	400 cm ³
Controller function	Output pressure constant with initial pressure compensation with secondary exhaust with return flow
Bowl guard	integrated as metal shell
Pressure gauge	with pressure gauge
Operating pressure	2 ... 12 bar
Pressure regulation range	0.5 ... 12 bar
Max. pressure hysteresis	0.4 bar
Flow rate, secondary venting	500 l/min
Standard nominal flow rate	12,000 ... 17,000 l/min
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:-] Inert gases
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Storage temperature	-10 ... 60 °C
Air purity class at output	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Medium temperature	5 ... 60 °C
Ambient temperature	5 ... 60 °C
Product weight	7,000 g
Mounting type	Optional Line installation With mounting bracket
Pneumatic connection, port 1	Internal
Pneumatic connection, port 2	Internal
Material information, cover	PA
Material information, spin disc	POM
Material information, filter holder	POM
Material information, metal bowl sight glass	PC

Feature	values
Materials information for control panel	PA-reinforced POM
Materials information for seals	NBR
Materials information for spring	Spring steel
Materials information for filter	Sintered bronze
Materials information, housing	Aluminium die cast
Materials information for membrane	NBR
Materials information for bowl	Wrought Aluminium alloy
Material information, isolating disc	POM
Material information, valve stem	Wrought Aluminium alloy NBR High alloy steel, non-corrosive
Material information, smoothing disc	POM