

# filter regulator

## MS9-LFR-G-D7-CUM-AG-BAR-AS

Part number: 564120

FESTO

12 bar maximum output pressure, 5 µm filter, with pressure gauge, lockable regulator head, metal bowl, manual condensate drain, direction of flow: from left to right.



### Data sheet

Feature	Value
Size	9
Series	MS
Actuator lock	with accessories, lockable
Assembly position	Vertical +/- 5°
Grade of filtration	5 µm
Condensate drain	manual rotary
Design structure	Pilot-actuated filter diaphragm regulator
Max. condensate volume	220 ml
Controller function	Output pressure constant with initial pressure compensation with secondary exhaust with return flow
Pressure gauge	with pressure gauge
Operating pressure	1 ... 20 bar
Pressure regulation range	0.5 ... 12 bar
Max. pressure hysteresis	0.4 bar
Operating medium	Compressed air to ISO 8573-1:2010 [-: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 [6:4:4]
Medium temperature	-10 ... 60 °C
Ambient temperature	-10 ... 60 °C
Product weight	2,400 g
Mounting type	Line installation with accessories Optional
Material of cover	PA-reinforced
Material of spin disc	POM
Material of filter holder	POM
Materials note	Conforms to RoHS
Material of connecting plate	Aluminium die cast
Material mounting bracket	Aluminium die cast
Material filter	PE
Material housing	Aluminium die cast
Material module connector	Aluminium die cast
Material membrane	NBR
Material bowl	Wrought Aluminium alloy
Material cup seal	NBR
Material screen	PA
Material separating plate	POM
Material valve stem	Wrought Aluminium alloy NBR POM