

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

Part number: 564120

FESTO



 General operating condition

## Data sheet

Feature	Value
Size	9
Series	MS
Actuator lock	can be closed with accessories
Mounting position	Vertical $\pm 5^\circ$
Grade of filtration	5 $\mu\text{m}$
Condensate drain	Manual, rotating
Structural design	Pilot-controlled compressed air filter diaphragm regulator
Max. condensate volume	220 ml
Controller function	Constant output pressure With primary pressure compensation With secondary exhausting With return flow characteristic
Degree of condensate separation	$>75\%$
Symbol	00991589
Pressure gauge	with pressure gauge
Operating pressure	1 bar ... 20 bar
Pressure regulation range	0.5 bar ... 12 bar
Max. pressure hysteresis	0.4 bar
Operating medium	Inert gases
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 7 according to ISO 14644-1
Storage temperature	$-10\text{ }^\circ\text{C}$ ... $60\text{ }^\circ\text{C}$
Air quality class at the output	Compressed air as per ISO 8573-1:2010 [6:4:4]
Temperature of medium	$-10\text{ }^\circ\text{C}$ ... $60\text{ }^\circ\text{C}$
Ambient temperature	$-10\text{ }^\circ\text{C}$ ... $60\text{ }^\circ\text{C}$
Pore size	5 $\mu\text{m}$
Product weight	2400 g
Type of mounting	With accessories
Covering material	PA-reinforced
Material of spin disc	POM
Material of filter support	POM
Note on materials	RoHS compliant
Material of sub-base	Die-cast aluminum
Material of mounting bracket	Die-cast aluminum

<b>Feature</b>	<b>Value</b>
Compressed air filter material	Protective grounding
Housing material	Die-cast aluminum
Module connector material	Die-cast aluminum
Diaphragm material	NBR
Material of bowl	Wrought aluminum alloy
Shell sealing material	NBR
Inspection window material	PA
Separating disc material	POM
Valve tappet material	Wrought aluminum alloy NBR POM