

# Filter regulator MS6-LFR-1/2-D6-C-P-VC-AG-BAR-B

Part number: 8098309

FESTO



General operating condition

## Data sheet

Feature	Value
Size	6
Series	MS
Actuator lock	Rotary knob with detent
Mounting position	Vertical $\pm 5^\circ$
Grade of filtration	5 $\mu\text{m}$
Condensate drain	Manual, non-detenting
Structural design	Directly controlled piston regulator
Max. condensate volume	27.3 ml
Controller function	Constant output pressure With secondary exhausting With return flow characteristic
Degree of condensate separation	$>75\%$
Symbol	00991587
Displayable unit(s)	bar psi
Pressure gauge	with pressure gauge
Operating pressure	0.2 MPa ... 1 MPa
Operating pressure	2 bar ... 10 bar
Pressure regulation range	0.3 bar ... 7 bar
Max. pressure hysteresis	0.035 MPa
Max. pressure hysteresis	0.35 bar
Max. pressure hysteresis	5.075 psi
Normal nominal flow rate (normalized to DIN 1343)	4750 l/min
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gases
Information on operating and pilot media	Compatibility with ester oil not given
Corrosion resistance class (CRC)	1 - Low 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	-5 $^\circ\text{C}$ ... 50 $^\circ\text{C}$
Air quality class at the output	Compressed air as per ISO 8573-1:2010 [6:4:4]
Temperature of medium	5 $^\circ\text{C}$ ... 50 $^\circ\text{C}$
Ambient temperature	5 $^\circ\text{C}$ ... 50 $^\circ\text{C}$
Pore size	5 $\mu\text{m}$
Product weight	589 g
Type of mounting	With accessories

<b>Feature</b>	<b>Value</b>
Pneumatic connection 1	G1/2
Pneumatic connection 2	G1/2
Note on materials	RoHS compliant
Seals material	NBR
Rotary knob material	POM
Material of spring	High-alloy steel Galvanized steel
Compressed air filter material	Protective grounding
Housing material	PA-reinforced
Material of bowl	PC
Valve tappet material	POM