

# Filter regulator MS6-LFR-1/2-D6-ERV-AS

Part number: 529182

FESTO



General operating condition

## Data sheet

Feature	Value
Size	6
Series	MS
Actuator lock	Rotary knob with detent can be closed with accessories
Mounting position	Vertical $\pm 5^\circ$
Grade of filtration	40 $\mu\text{m}$
Condensate drain	Manual, non-detenting
Structural design	Filter regulator with pressure gauge
Max. condensate volume	38 ml
Controller function	Constant output pressure With secondary exhausting
Bowl guard	Plastic bowl guard
Degree of condensate separation	$>75\%$
Symbol	00991587
Pressure gauge	with pressure gauge
Operating pressure	0.2 MPa ... 1.2 MPa
Operating pressure	2 bar ... 12 bar
Pressure regulation range	0.3 bar ... 7 bar
Max. pressure hysteresis	0.025 MPa
Max. pressure hysteresis	0.25 bar
Max. pressure hysteresis	3.625 psi
Normal nominal flow rate (normalized to DIN 1343)	6200 l/min
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:-] Inert gases
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-10 $^\circ\text{C}$ ... 60 $^\circ\text{C}$
For use in the food industry	See supplementary material information
Air quality class at the output	Compressed air as per ISO 8573-1:2010 [7:4:4]
Temperature of medium	-10 $^\circ\text{C}$ ... 60 $^\circ\text{C}$
Ambient temperature	-10 $^\circ\text{C}$ ... 60 $^\circ\text{C}$
Pore size	$<40\ \mu\text{m}$
Product weight	875 g
Type of mounting	With accessories
Pneumatic connection 1	G1/2
Pneumatic connection 2	G1/2

<b>Feature</b>	<b>Value</b>
Note on materials	RoHS compliant
Material of operator panel	PA POM
Seals material	NBR
Compressed air filter material	Protective grounding
Housing material	Die-cast aluminum
Diaphragm material	NBR
Material of bowl	PC
Separating disc material	POM