

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

Part number: 529183

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 +/- 5°
Grade of filtration	40 µm
Condensate drain	Fully automatic Manual, non-detenting
Design	Filter regulator with pressure gauge
Max. condensate volume	38 ml
Controller function	Output pressure constant With secondary venting
Bowl guard	Plastic bowl guard
Degree of condensate separation	>75 %
Symbol	00991587
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	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
Standard nominal flow rate (standardised to DIN 1343)	6200 l/min
Operating medium	Compressed air to 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 °C ... 60 °C
Suitable for use with food	See supplementary material information
Air purity class at output	Compressed air to ISO 8573-1:2010 [7:4:4]
Media temperature	-10 °C ... 60 °C
Ambient temperature	-10 °C ... 60 °C
Pore size	≤40 µm
Product weight	875 g

<b>Feature</b>	<b>Value</b>
Type of mounting	Either: Front panel mounting In-line installation With accessories
Pneumatic connection, port 1	G1/2
Pneumatic connection, port 2	G1/2
Note on materials	RoHS-compliant
Material control panel	PA POM
Material seals	NBR
Material filter	PE
Material housing	Die-cast aluminium
Material membrane	NBR
Material bowl	PC
Material separating plate	POM