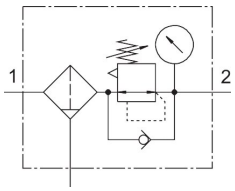
Filter regulator
MS6-LFR-1/2-D7-C-R-M-MPA

Part number: 589900





Data sheet

Feature	Value
Size	6
Series	MS
Actuator lock	Rotary knob with detent
Mounting position	Vertical +/-5°
Grade of filtration	5 µm
Condensate drain	Manual, rotating
Design	Filter regulator with pressure gauge
Max. condensate volume	38 cm³
Controller function	Output pressure constant With secondary exhausting
Bowl guard	Plastic bowl guard
Degree of condensate separation	75 %
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	With pressure gauge
Operating pressure	0 MPa...2 MPa 0 bar...20 bar
Pressure regulation range	0.5 bar...12 bar
Max. pressure hysteresis	0.025 MPa 0.25 bar 3.625 psi
Standard nominal flow rate (standardised to DIN 1343)	4000 l/min
Operating medium	Compressed air to ISO 8573-1:2010 [-:9:-] Inert gas
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 [6:8:4]
Media temperature	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Pore size	5 µm
Product weight	875 g
Type of mounting	Either: Front panel mounting

Feature	Value
	Inline installation With accessories
Pneumatic connection, port 1	G1/2
Pneumatic connection, port 2	G1/2
Note on materials	RoHS compliant
Material sub-base	Die-cast aluminium
Material control panel	PA POM
Material seals	NBR
Material filter	Packaging unit
Material housing	Die-cast aluminium
Material membrane	NBR
Material bowl	Makrolon®
Material separating plate	POM