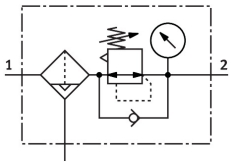
Filter regulator
MS4-LFR-1/4-D7-ERV-AS

Part number: 529158





General operating condition

Data sheet

Feature	Value
Size	4
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
Structural design	Filter regulator with pressure gauge
Max. condensate volume	19 ml
Controller function	Outlet pressure constant With secondary exhausting With return flow function
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	0.5 bar ... 12 bar
Max. pressure hysteresis	0.25 bar
Standard nominal flow rate	1500 l/min
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:-] Inert gas
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-10 °C ... 60 °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 °C ... 60 °C
Ambient temperature	-10 °C ... 60 °C
Pore size	‹40 µm
Product weight	275 g
Type of mounting	With accessories
Pneumatic connection 1	G1/4
Pneumatic connection 2	G¼

Feature	Value
Note on materials	RoHS-compliant
Material of sub-base	Die-cast aluminum
Material of operator panel	PA POM
Seals material	NBR
Compressed air filter material	PE
Housing material	Die-cast aluminum
Diaphragm material	NBR
Material of bowl	PC
Separating disc material	POM