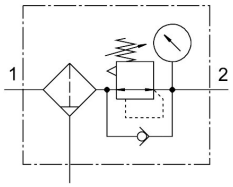
Filter regulator
MS4-LFR-1/4-D6-C-P-M-AG-BAR-B

Part number: 8098257





General operating condition

Data sheet

Feature	Value
Size	4
Series	MS
Actuator lock	Rotary knob with detent
Mounting position	Vertical +/- 5°
Grade of filtration	5 µm
Condensate drain	Manually rotating
Structural design	Filter regulator with pressure gauge Directly controlled piston regulator
Max. condensate volume	16.5 ml
Controller function	Outlet pressure constant With secondary exhausting With return flow function
Degree of condensate separation	>75 %
Symbol	00991589
Displayable unit(s)	bar psi
Pressure gauge	with pressure gauge
Operating pressure	0.1 MPa ... 1 MPa
Operating pressure	1 bar ... 10 bar
Pressure regulation range	0.3 bar ... 7 bar
Max. pressure hysteresis	0.05 MPa
Max. pressure hysteresis	0.5 bar
Max. pressure hysteresis	7.25 psi
Standard nominal flow rate	1500 l/min
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom class	Class 7 according to ISO 14644-1
Storage temperature	-5 °C ... 50 °C
Air quality class at the output	Compressed air as per ISO 8573-1:2010 [6:4:4]
Temperature of medium	-5 °C ... 50 °C
Ambient temperature	-5 °C ... 50 °C
Pore size	<5 µm
Product weight	207 g

Feature	Value
Type of mounting	With accessories
Pneumatic connection 1	G1/4
Pneumatic connection 2	G¼
Note on materials	RoHS-compliant
Seals material	NBR
Rotary knob material	POM
Material of spring	High-alloy steel Steel, galvanized
Compressed air filter material	PE
Housing material	PA-reinforced
Material of bowl	PC
Valve tappet material	POM