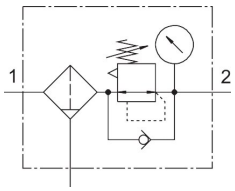
Filter regulator
MS4-LFR-1/4-D6-E-P-M-AG-MPA-F1A-B

Part number: 8175798





Data sheet

Feature	Value
Size	4
Series	MS
Actuator lock	Rotary knob with detent
Mounting position	Vertical ±5°
Grade of filtration	40 µm
Condensate drain	Manual, rotating
Structural design	Filter regulator with pressure gauge Directly controlled piston regulator
Max. condensate volume	16.5 ml
Controller function	Constant output pressure With secondary exhausting With return flow characteristic
Degree of condensate separation	75 %
Displayable unit(s)	MPa
Pressure gauge	with pressure gauge
Operating pressure	0.1 MPa...1 MPa 1 bar...10 bar
Pressure regulation range	0.3 bar...7 bar
Max. pressure hysteresis	0.05 MPa 0.5 bar 7.25 psi
Normal nominal flow rate (normalized to DIN 1343)	1700 l/min
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gases
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Suitability for the production of Li-ion batteries	Suitable for battery production with reduced Cu/Zn/Ni values (F1a)
Cleanroom suitability, measured according to ISO 14644-14	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 [7:4:4]
Temperature of medium	-5 °C...50 °C
Ambient temperature	-5 °C...50 °C
Pore size	40 µm

Feature	Value
Product weight	207 g
Type of mounting	Alternatively: Front panel mounting In-line installation With accessories
Pneumatic connection 1	G1/4
Pneumatic connection 2	G1/4
Note on materials	RoHS compliant
Seals material	NBR
Rotary knob material	POM
Material of spring	high-alloy stainless steel
Compressed air filter material	Protective grounding
Housing material	PA-reinforced
Material of bowl	PC
Valve tappet material	POM