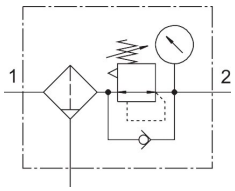
Filter regulator
MS4-LFR-1/4-D6-C-P-M-AG-MPA-F1A-B

Part number: 8175801





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	Manual, rotating
Design	Filter regulator with pressure gauge Directly actuated piston regulator
Max. condensate volume	16.5 ml
Controller function	Output pressure constant With secondary exhausting With return flow function
Degree of condensate separation	75 %
Displayable units	MPa
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	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
Standard nominal flow rate (standardised to DIN 1343)	1500 l/min
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4] Inert gas
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 purity class at output	Compressed air to ISO 8573-1:2010 [6:4:4]
Media temperature	-5 °C...50 °C
Ambient temperature	-5 °C...50 °C
Pore size	5 µm

Feature	Value
Product weight	207 g
Type of mounting	Either: Front panel mounting Inline installation With accessories
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Note on materials	RoHS compliant
Material seals	NBR
Material rotary knob	POM
Material spring	High-alloy stainless steel
Material filter	Packaging unit
Material housing	Reinforced PA
Material bowl	Makrolon®
Material valve stem	POM