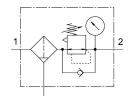
Filter regulator MS4-LFR-1/4-D6-E-P-M-AG-BAR-F1A-B Part number: 8175799

FESTO





Data sheet

Series MS Actuator lock Rotary knob with detent Mounting position Vertical +/-5° Grade of filtration Jondensate drain Manually rotating Filter regulator with pressure gauge Directly actuated piston regulator Max. condensate volume Info.5 ml Output pressure constant With secondary venting With return flow function Degree of condensate separation Josephayable units Degree of condensate separation Josephayable units Depressure gauge (ANALOG) or Pressure display (DIGITAL) Depreting pressure Josephayable units Depressure regulation range Josephayable units Depressure regulation range Josephayable units Depressure sauge (ANALOG) or Pressure display (DIGITAL) Depreting pressure Josephayable units Depreting pressur	Feature	Value
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Max. pressure hysteresis O.05 MPa O.5 bar 7.25 psi Standard nominal flow rate (standardised to DIN 1343) 1700 l/min Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Corrosion resistance class CRC 1 - Low corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L Product corresponds to the internal product definition from Festo for use in battery production:Metals with more than 1% by mass of copper, zinc or nickel are excluded from use.The exceptions are nickel i steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils Cleanroom class Class 7 according to ISO 14644-1	Operating pressure	
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Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Corrosion resistance class CRC 1 - Low corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L Froduct corresponds to the internal product definition from Festo for use in battery production: Metals with more than 1% by mass of copper, zinc or nickel are excluded from use. The exceptions are nickel i steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils Cleanroom class Class 7 according to ISO 14644-1	Max. pressure hysteresis	0.5 bar
Inert gases Corrosion resistance class CRC 1 - Low corrosion stress VDMA24364-B1/B2-L Suitability for the production of Li-ion batteries Product corresponds to the internal product definition from Festo for use in battery production: Metals with more than 1% by mass of copper, zinc or nickel are excluded from use. The exceptions are nickel i steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils Cleanroom class Class 7 according to ISO 14644-1	Standard nominal flow rate (standardised to DIN 1343)	1700 l/min
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Product corresponds to the internal product definition from Festo for use in battery production: Metals with more than 1% by mass of copper, zinc or nickel are excluded from use. The exceptions are nickel i steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils Cleanroom class Class 7 according to ISO 14644-1	Corrosion resistance class CRC	1 - Low corrosion stress
for use in battery production:Metals with more than 1% by mass of copper, zinc or nickel are excluded from use.The exceptions are nickel i steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils Class 7 according to ISO 14644-1	LABS (PWIS) conformity	VDMA24364-B1/B2-L
· ·	Suitability for the production of Li-ion batteries	for use in battery production: Metals with more than 1% by mass of copper, zinc or nickel are excluded from use. The exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables,
Storage temperature -5 °C50 °C	Cleanroom class	Class 7 according to ISO 14644-1
	Storage temperature	-5 °C50 °C

Feature	Value
Air purity class at output	Compressed air to ISO 8573-1:2010 [7:4:4]
Media temperature	-5 °C50 °C
Ambient temperature	-5 °C50 °C
Pore size	40 μm
Product weight	207 g
Type of mounting	Front panel mounting In-line installation With accessories Either:
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Note on materials	RoHS-compliant
Material seals	NBR
Material rotary knob	РОМ
Material spring	High-alloy stainless steel
Material filter	PE
Material housing	PA-reinforced
Material bowl	PC
Material valve stem	РОМ