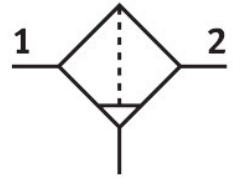


Filter
MS2-LF-M5-C-P-M-F1A-B
 Part number: 8181093

FESTO



Data sheet

Feature	Value
Size	2
Series	MS
Mounting position	Vertical +/-5°
Grade of filtration	5 µm
Condensate drain	Manually rotating
Design	Sintered filter with centrifugal separator
Operating pressure	0.1 MPa...1 MPa 1 bar...10 bar 14.5 psi...145 psi
Standard nominal flow rate (standardised to DIN 1343)	225 l/min
Operating medium	Compressed air to 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	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 in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils
Cleanroom class	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
Product weight	45.3 g
Type of mounting	Front panel mounting In-line installation With accessories Either:
Pneumatic connection, port 1	M5
Pneumatic connection, port 2	M5
Note on materials	RoHS-compliant
Material seals	NBR
Material spring	High-alloy steel

Feature	Value
Material filter	PE
Material housing	PA-reinforced
Material membrane	NBR
Material bowl	PC