

Filter MS2-LF-M5-C-P-M-F1A-B

Part number: 8181093

FESTO



 General operating condition

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
Symbol	00991519
Operating pressure	0.1 MPa ... 1 MPa
Operating pressure	1 bar ... 10 bar
Operating pressure	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	Suitable for battery production according to the Festo internal definition of the degree of severity F1A with restrictions regarding the use of Cu/Zn/Ni
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	Either: Front panel mounting In-line installation With accessories
Pneumatic connection, port 1	M5
Pneumatic connection, port 2	M5
Note on materials	RoHS-compliant
Material seals	NBR
Material spring	High-alloy steel
Material filter	PE
Material housing	PA-reinforced
Material membrane	NBR

Feature	Value
Material bowl	PC