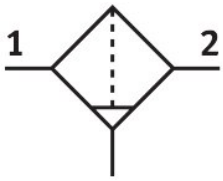
Filter
MS2-LF-M5-C-P-M-F1A-B

Part number: 8181093





Data sheet

Feature	Value
Size	2
Series	MS
Mounting position	Vertical ±5°
Grade of filtration	5 µm
Condensate drain	Manual, rotating
Structural design	Sinter filter with centrifugal separator
Operating pressure	0.1 MPa...1 MPa 1 bar...10 bar 14.5 psi...145 psi
Normal nominal flow rate (normalized to DIN 1343)	225 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 6 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 [6:4:4]
Temperature of medium	-5 °C...50 °C
Ambient temperature	-5 °C...50 °C
Product weight	45.3 g
Type of mounting	Alternatively: Front panel mounting In-line installation With accessories
Pneumatic connection 1	M5
Pneumatic connection 2	M5
Note on materials	RoHS compliant
Seals material	NBR
Material of spring	High-alloy steel
Compressed air filter material	Protective grounding
Housing material	PA-reinforced
Diaphragm material	NBR

Feature	Value
Material of bowl	PC