

# Micro filter MS9-LFM-1-AUV

Part number: 553002

FESTO



 General operating condition

## Data sheet

Feature	Value
Series	MS
Size	9
Design	Fibre filter
Grade of filtration	0.01 µm
Condensate drain	Manual, non-detenting
Symbol	00991520
Operating pressure	0.2 MPa ... 1.2 MPa
Operating pressure	2 bar ... 12 bar
Operating medium	Compressed air to ISO 8573-1:2010 [6:-:4]
Air purity class at output	Compressed air to ISO 8573-1:2010 [3:-:2]
Max. standard flow rate for clean air class	6500 l/min
Min. standard flow rate for clean air class	325 l/min
Filter efficiency	99.9999 %
Max. condensate volume	225 ml
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 7 according to ISO 14644-1
Media temperature	5 °C ... 60 °C
Ambient temperature	5 °C ... 60 °C
Storage temperature	-10 °C ... 60 °C
Filter efficiency, fine particles	99.995 %
MPPS	0.08 µm
Filter efficiency MPPS	99.981 %
Residual oil content	0.01 mg/m <sup>3</sup>
Filter efficiency, oil aerosol	99 %
Type of mounting	With accessories
Mounting position	Vertical +/-5°
Pneumatic connection, port 1	G1
Pneumatic connection, port 2	G1
Material housing	Die-cast aluminium
Material covering	Process automation
Material filter	Borosilicate fibre
Material bowl	Wrought aluminium alloy
Material screen	Process automation

<b>Feature</b>	<b>Value</b>
Material seals	NBR
Product weight	2000 g