

# Micro filter MS4-LFM-1/4-AUV-DA

Part number: 537214

FESTO



 General operating condition

## Data sheet

Feature	Value
Series	MS
Size	4
Design	Fibre filter
Grade of filtration	0.01 µm
Condensate drain	Manual, non-detenting
Symbol	00991544
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] Inert gas
Air purity class at output	Compressed air to ISO 8573-1:2010 [3:-:2]
Max. standard flow rate for clean air class	360 l/min
Min. standard flow rate for clean air class	54 l/min
Filter efficiency	99.9999 %
Max. condensate volume	25 ml
Bowl guard	Integrated as metal bowl
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Suitable for use with food	See supplementary material information
Media temperature	-10 °C ... 60 °C
Ambient temperature	-10 °C ... 60 °C
Storage temperature	-10 °C ... 60 °C
Filter efficiency, fine particles	99.995 %
MPPS	0.05 µm
Filter efficiency MPPS	99.95 %
Residual oil content	0.01 mg/m <sup>3</sup>
Filter efficiency, oil aerosol	99 %
Differential pressure display	Visual indicator
Type of mounting	With accessories
Mounting position	Vertical +/-5°
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Material housing	Die-cast aluminium

<b>Feature</b>	<b>Value</b>
Material filter	Borosilicate fibre
Material bowl	Die-cast aluminium Wrought aluminium alloy
Material screen	Process automation
Material seals	NBR
Note on materials	RoHS compliant
Product weight	350 g