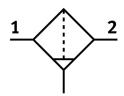
Micro filter MS9-LFM-N3/4-AUM Part number: 553086

FESTO





General operating condition

Data sheet

Size 9	Feature	Value
Structural design Fiber filter Grade of filtration 0.01 μm Condensate drain Manually rotating Symbol 00991519 Operating pressure 0 bar 20 bar Operating medium Compressed air as per ISO 8573-1:2010 [6:4:4] Air quality class at the output Compressed air as per ISO 8573-1:2010 [3:4:2] Max. standard flow rate for air quality class 6500 I/min Min. standard flow rate for air quality class 325 I/min William (Silver efficiency) 99.999 % Max. condensate volume 225 ml Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA2364-81/82-L Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Storage temperature -10 °C 60 °C WPPS 99.981 % MPPS 99.981 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 99 % Mounting position Vertical +/ 5° Preumatic connection 1 3/4 NPT <td< td=""><td>Series</td><td>MS</td></td<>	Series	MS
Grade of filtration 0.01 μm Condensate drain Manually rotating Symbol 0.0991519 Operating pressure 0 bar 20 bar Operating medium Compressed air as per ISO 8573-1:2010 [6:4:4] Air quality class at the output Compressed air as per ISO 8573-1:2010 [3:4:2] Max. standard flow rate for air quality class 6500 l/min Min. standard flow rate for air quality class 325 l/min Filter efficiency 99.999 % Max. condensate volume 225 ml Corrosion resistance class (CRC) 2-Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium -10 °C 60 °C Storage temperature 1:0 °C 60 °C Storage temperature 1:0 °C 60 °C Filter efficiency, fine particles 99.995 % MPPS 0.08 μm MPPS Miter efficiency 99.981 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 99 % Mounting position Vertical +/ 5° Pneumatic connection 1 3/4 NPT Pneumatic connection 2 3/4 NPT Pneumatic connection 2 3/4 NPT Pneumatic connection 2 Borosilicate fiber Material of bowl Wrought aluminum alloy Inspection window material	Size	9
Condensate drain Symbol Operating pressure Obar 20 bar Operating medium Compressed air as per ISO 8573-1:2010 [6:4:4] Air quality class at the output Compressed air as per ISO 8573-1:2010 [3:4:2] Max. standard flow rate for air quality class 6500 I/min Min. standard flow rate for air quality class 325 I/min Filter efficiency 99.9999 % Max. condensate volume 225 ml Corrosion resistance class (CRC) 2 · Moderate corrosion stress LABS (PWIS) conformity VDMA24364-81/82-1 Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles MPPS 0.08 µm MPPS filter efficiency, oil aerosol 79 99.81 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 79 9° Preumatic connection 1 3/4 NPT Pneumatic connection 1 3/4 NPT Pneumatic connection 2 3/4 NPT Pheumatic connection 2 Ametical Hy Temperature Borosilicate fiber Material of bowl Mrought aluminum alloy Inspection window material Material of bowl Mrought aluminum alloy Inspection window material	Structural design	Fiber filter
Operating pressure Operating pressure Operating medium Compressed air as per ISO 8573-1:2010 [6:4:4] Compressed air as per ISO 8573-1:2010 [6:4:4] Compressed air as per ISO 8573-1:2010 [6:4:4] Compressed air as per ISO 8573-1:2010 [3:4:2] Min. standard flow rate for air quality class 6500 I/min Min. standard flow rate for air quality class 325 I/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 Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Filter efficiency, fine particles 99.995 % MPPS 0.08 µm MPPS filter efficiency 99.981 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 0.99 % Type of mounting Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 3/4 NPT Pneumatic connection 2 3/4 NPT Pneumatic connection 2 3/4 NPT Housing material Die-cast aluminum Covering material Die-cast aluminum Material of bowl Merought aluminum alloy Inspection window material	Grade of filtration	0.01 μm
Operating pressure Operating medium Compressed air as per ISO 8573-1:2010 [6:4:4] Air quality class at the output Compressed air as per ISO 8573-1:2010 [3:4:2] Max. standard flow rate for air quality class 6500 I/min Min. standard flow rate for air quality class 325 I/min Silter efficiency 99.9999 % Max. condensate volume 225 ml Corrosion resistance class (CRC) 2 - Moderate corrosion stress VDMA24364-B1/B2-L Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temp	Condensate drain	Manually rotating
Operating medium Compressed air as per ISO 8573-1:2010 [6:4:4] Air quality class at the output Compressed air as per ISO 8573-1:2010 [3:4:2] Max. standard flow rate for air quality class 6501 /min Min. standard flow rate for air quality class 325 I /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 Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles MPPS MPPS 0.08 µm MPPS filter efficiency 99.981 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 799 % Mounting position Vertical +/- 5° Pneumatic connection 1 3/4 NPT Pneumatic connection 2 3/4 NPT Pneumatic connection 2 Ambient material Borosilicate fiber Material of bowl Merought aluminum alloy Inspection window material PA	Symbol	00991519
Air quality class at the output Compressed air as per ISO 8573-1:2010 [3:4:2] Max. standard flow rate for air quality class 6500 l/min Min. standard flow rate for air quality class 325 l/min Filter efficiency 99.9999 % Max. condensate volume 225 ml Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-81/82-L Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles 99.995 % MPPS 0.08 µm MPPS filter efficiency 99.981 % Residual oil content 0.0.1 mg/m³ Filter efficiency, oil aerosol 799 % Mounting position Vertical +/- 5° Pneumatic connection 1 3/4 NPT Pneumatic connection 2 3/4 NPT Housing material Die-cast aluminum More sollicate fiber Material of bowl Merought aluminum alloy Inspection window material PA	Operating pressure	0 bar 20 bar
Max. standard flow rate for air quality class Min. standard flow rate for air quality class 325 l/min 325 l/min 325 l/min 326 l/min 327 ml 328 ml 329 ml 329 ml 329 ml 329 ml 329 ml 320	Operating medium	Compressed air as per ISO 8573-1:2010 [6:4:4]
Min. standard flow rate for air quality class 325 l/min 99.9999 % Max. condensate volume 225 ml Corrosion resistance class (CRC) 2 · Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature 10 °C 60 °C Filter efficiency, fine particles MPPS 0.08 µm MPPS filter efficiency 89.995 % MPPS 0.08 µm MPPS filter efficiency 89.981 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 799 % Type of mounting Wortical +/- 5° Pneumatic connection 1 3/4 NPT Pneumatic connection 2 3/4 NPT Housing material Die-cast aluminum Covering material Die-cast aluminum Mounting material Borosilicate fiber Material of bowl Mrought aluminum alloy Inspection window material	Air quality class at the output	Compressed air as per ISO 8573-1:2010 [3:4:2]
Filter efficiency 99.9999 % Max. condensate volume 225 ml Corrosion resistance class (CRC) 2 - Moderate corrosion stress VDMA24364-B1/B2-L Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles 99.995 % MPPS 0.08 µm MPPS filter efficiency 99.981 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 799 % Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 3/4 NPT Pneumatic connection 2 Housing material Covering material Die-cast aluminum Covering material Doe-cast aluminum Mrought aluminum alloy Inspection window material PA	Max. standard flow rate for air quality class	6500 l/min
Max. condensate volume Corrosion resistance class (CRC) LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles MPPS 0.08 µm MPPS filter efficiency 99.981 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 7ype of mounting Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 3/4 NPT Pneumatic connection 2 3/4 NPT Housing material Die-cast aluminum Covering material Die-cast aluminum Covering material Die-cast aluminum Covering material Die-cast aluminum Covering material Borosilicate fiber Material of bowl Mrought aluminum alloy Inspection window material PA	Min. standard flow rate for air quality class	325 l/min
Corrosion resistance class (CRC) LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles MPPS 0.08 µm MPPS filter efficiency 99.981 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 70 °C 60 °C 99.981 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 70 ye for mounting Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pheumatic connection 1 3/4 NPT Pheumatic connection 2 3/4 NPT Housing material Die-cast aluminum Covering material Die-cast aluminum Covering material PA Compressed air filter material Borosilicate fiber Material of bowl Inspection window material PA	Filter efficiency	99.9999 %
LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles 99.995 % MPPS 0.08 µm MPPS filter efficiency 99.981 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 799 % Type of mounting Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 3/4 NPT Pneumatic connection 2 3/4 NPT Housing material Die-cast aluminum Covering material Die-cast aluminum Covering material Die-cast aluminum Covering material Die-cast aluminum Mrought aluminum alloy Inspection window material PA	Max. condensate volume	225 ml
Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles MPPS 0.08 µm MPPS filter efficiency Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 799 % Type of mounting Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 3/4 NPT Pneumatic connection 2 3/4 NPT Housing material Die-cast aluminum Covering material Die-cast aluminum Covering material Die-cast aluminum Covering material Die-cast aluminum Mountinum alloy Mrought aluminum alloy Inspection window material PA	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles 99.995 % MPPS 0.08 µm MPPS filter efficiency 99.981 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 70 °C 60 °C 99.995 % MPPS (line installation) With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 3/4 NPT Pneumatic connection 2 3/4 NPT Housing material Die-cast aluminum Covering material PA Compressed air filter material Borosilicate fiber Material of bowl Inspection window material PA	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature -10 °C 60 °C 99.995 % MPPS 0.08 µm MPPS filter efficiency 99.981 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 799 % Type of mounting Wortical +/- 5° Pneumatic connection 1 Pneumatic connection 2 Housing material Covering material Covering material Compressed air filter material Material of bowl Inspection window material PA	Temperature of medium	-10 °C 60 °C
Filter efficiency, fine particles MPPS 0.08 µm MPPS filter efficiency 99.981 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol Type of mounting Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 3/4 NPT Pneumatic connection 2 3/4 NPT Housing material Die-cast aluminum Covering material Covering material Borosilicate fiber Material of bowl Mrought aluminum alloy Inspection window material PA	Ambient temperature	-10 °C 60 °C
MPPS ilter efficiency 99.981 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 99 % Type of mounting Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 3/4 NPT Pneumatic connection 2 3/4 NPT Housing material Die-cast aluminum Covering material Die-cast aluminum Covering material Borosilicate fiber Material of bowl Mrought aluminum alloy Inspection window material PA	Storage temperature	-10 °C 60 °C
MPPS filter efficiency Residual oil content O.01 mg/m³ Filter efficiency, oil aerosol 799 % Type of mounting Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 3/4 NPT Pneumatic connection 2 3/4 NPT Housing material Die-cast aluminum Covering material PA Compressed air filter material Material of bowl Inspection window material PA	Filter efficiency, fine particles	99.995 %
Residual oil content Filter efficiency, oil aerosol 7ye of mounting Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 3/4 NPT Pneumatic connection 2 Housing material Die-cast aluminum Covering material Die-cast aluminum Compressed air filter material Material of bowl Material of bowl Inspection window material PA	MPPS	0.08 μm
Filter efficiency, oil aerosol Type of mounting Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 3/4 NPT Pneumatic connection 2 3/4 NPT Housing material Die-cast aluminum Covering material PA Compressed air filter material Material of bowl Inspection window material PA	MPPS filter efficiency	99.981 %
Type of mounting Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 3/4 NPT Pneumatic connection 2 3/4 NPT Housing material Die-cast aluminum Covering material PA Compressed air filter material Borosilicate fiber Material of bowl Inspection window material PA	Residual oil content	0.01 mg/m ³
Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 3/4 NPT Pneumatic connection 2 3/4 NPT Housing material Die-cast aluminum Covering material PA Compressed air filter material Borosilicate fiber Material of bowl Inspection window material PA	Filter efficiency, oil aerosol	99 %
Pneumatic connection 1 3/4 NPT Pneumatic connection 2 3/4 NPT Housing material Die-cast aluminum Covering material PA Compressed air filter material Borosilicate fiber Material of bowl Wrought aluminum alloy Inspection window material PA	Type of mounting	Line installation
Pneumatic connection 2 3/4 NPT Housing material Die-cast aluminum Covering material PA Compressed air filter material Borosilicate fiber Material of bowl Wrought aluminum alloy Inspection window material PA	Mounting position	Vertical +/- 5°
Housing material Covering material PA Compressed air filter material Borosilicate fiber Material of bowl Mrought aluminum alloy PA PA	Pneumatic connection 1	3/4 NPT
Covering material PA Compressed air filter material Borosilicate fiber Material of bowl Wrought aluminum alloy Inspection window material PA	Pneumatic connection 2	3/4 NPT
Compressed air filter material Borosilicate fiber Material of bowl Wrought aluminum alloy Inspection window material PA	Housing material	Die-cast aluminum
Material of bowl Wrought aluminum alloy Inspection window material PA	Covering material	PA
Inspection window material PA	Compressed air filter material	Borosilicate fiber
	Material of bowl	Wrought aluminum alloy
Seals material NBR	Inspection window material	PA
	Seals material	NBR

Feature	Value
Product weight	2000 g