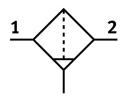
Micro filter MS9-LFM-3/4-AUM-HF Part number: 552964

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 7800 I/min Min. standard flow rate for air quality class 390 I/min Filter efficiency 99.9999 % Max. condensate volume 225 ml Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA2364-81/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 99.955 % MPPS 0.1 μm MPPS filter efficiency 99.968 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 99 % Roy of mounting Optionally: Line installation with accessories Mounting position Vertical +/ 5° Pneumatic connection 1 63/4 Housing material Die -cast aluminum Covering mater	Series	MS
Grade of filtration Condensate drain Manually rotating Symbol Ooperating pressure Oberating 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 Min. standard flow rate for air quality class 390 I/min Min. standard flow rate for air quality class 390 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 0.1 μm MPPS 0.1 μm MPPS filter efficiency 99.966 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 99 % Mounting position Vertical +/- 5° Pneumatic connection 1 G3/4 Pneumatic connection 2 G3/4 Housing material Covering material Die-cast aluminum Mercial of bowl Mounting material Down filter material Borosilicate fiber Material of bowl Mrought 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 7800 I/min Min. standard flow rate for air quality class 390 I/min Filter efficiency 99.9999 % Max. condensate volume 225 ml Corrosion resistance class (CRC) 2 · Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-1 Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Filter efficiency, fine particles MPPS 0.1 µm MPPS filter efficiency, oil aerosol 79.996 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 79.996 Mounting position Vertical +/- 5° Pneumatic connection 1 G3/4 Pheumatic connection 2 Housing material Corpressed air filter 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] 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 Min. standard flow rate for air quality class Min. standard flow rate for air quality class Max. condensate volume 225 ml Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA264-B1/B2-L Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Filter efficiency, fine particles 99.995 % MPPS 0.1 µm MPPS filter efficiency 99.968 % Residual oil content Filter efficiency, oil aerosol 0.01 mg/m³ Filter efficiency, oil aerosol Vertical +/- 5° Pneumatic connection 1 G3/4 Pneumatic connection 2 G3/4 Housing material Die-cast aluminum Covering material Die-cast aluminum Mounting material Die-cast aluminum alloy Dienspection 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 7800 l/min Min. standard flow rate for air quality class 390 l/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 temperature -10 °C 60 °C Filter efficiency, fine particles 99.995 % MPPS 0.1 µm MPPS filter efficiency 99.968 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 99 % Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 G3/4 Pneumatic connection 2 G3/4 Housing material Die-cast aluminum Covering material PA Compressed air filter material Borosilicate fiber Material of bowl Inspection window material PA	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 7800 I/min Min. standard flow rate for air quality class 390 I/min Selfiter efficiency 99.9999 % Max. condensate volume 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 MPPS O.1 µm MPPS filter efficiency, oil aerosol 799 % Type of mounting Optionally: Line installation With accessories Mounting position Vertical */- 5° Pneumatic connection 1 G3/4 Pneumatic connection 2 G3/4 Cowring material Die-cast aluminum Mounting material Die-cast aluminum Mounting material Borosilicate fiber Material of bowl Mrought aluminum alloy Inspection window material	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 7800 l/min Min. standard flow rate for air quality class 390 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 Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles MPPS 0.1 µm MPPS filter efficiency 99.968 % Residual oil content 0.0.1 mg/m³ Filter efficiency, oil aerosol 799 % Mounting position Vertical +/-5° Pneumatic connection 1 G3/4 Pneumatic connection 2 G3/4 Compressed air as per ISO 8573-1:2010 [3:4:2] Ago (Jmin) Ago (Jmin) 199.9999 % Compressed air filter material Borosilicate fiber Material of bowl Inspection window material	Operating pressure	0 bar 20 bar
Max. standard flow rate for air quality class Min. standard flow rate for air quality class 390 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 Temperature of medium -10 °C 60 °C Ambient temperature -10 °C 60 °C Filter efficiency, fine particles 99.995 % MPPS 0.1 μm MPPS filter efficiency Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 799 % Mounting position Mounting position Mounting position Peneumatic connection 1 Peneumatic connection 2 Housing material Covering material Die-cast aluminum More and in the material Borosilicate fiber Material of bowl Mrought aluminum alloy Inspection window material	Operating medium	Compressed air as per ISO 8573-1:2010 [6:4:4]
Min. standard flow rate for air quality class 390 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 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 0.1 μm MPPS filter efficiency 89.968 % 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 G3/4 Pneumatic connection 2 G3/4 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 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 0.1 µm MPPS filter efficiency 99.968 % Residual oil content 0.0.1 mg/m³ Filter efficiency, oil aerosol 799 % Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 G3/4 Housing material Covering material Die-cast aluminum Covering material Down of the material Borosilicate fiber Material of bowl Mrought aluminum alloy Inspection window material PA	Max. standard flow rate for air quality class	7800 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 MPPS 0.1 μm MPPS filter efficiency 99.968 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 70 °C 60 °C 99.96 % Residual oil content 0.01 mg/m³ Filter efficiency 99.96 Type of mounting Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 G3/4 Pneumatic connection 2 G3/4 Housing 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	390 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 0.1 µm MPPS filter efficiency 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 G3/4 Housing material Die-cast aluminum Covering material Compressed air filter material 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 MPPS 0.1 µm MPPS filter efficiency 99.968 % 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 G3/4 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 99.995 % MPPS 0.1 µm MPPS filter efficiency 89.968 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 70 ype of mounting Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 G3/4 Pneumatic connection 2 G3/4 Housing material Die-cast aluminum Covering material Die-cast aluminum Covering material PA Compressed air filter material Material of bowl 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 0.1 µm MPPS filter efficiency 99.968 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 7ppe of mounting Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 G3/4 Pneumatic connection 2 G3/4 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 Filter efficiency, fine particles 99.995 % MPPS 0.1 µm MPPS filter efficiency 99.968 % 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 G3/4 Pneumatic connection 2 G3/4 Housing material Die-cast aluminum Covering material PA Compressed air filter material Borosilicate fiber Material of bowl Inspection window material PA	Temperature of medium	-10 °C 60 °C
Filter efficiency, fine particles MPPS 0.1 μm MPPS filter efficiency 99.968 % 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 G3/4 Pneumatic connection 2 G3/4 Housing material Die-cast aluminum Covering material Die-cast aluminum Covering material Borosilicate fiber Material of bowl Mrought aluminum alloy Inspection window material PA	Ambient temperature	-10 ℃ 60 ℃
MPPS ilter efficiency 99.968 % 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 G3/4 Pneumatic connection 2 G3/4 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 0.01 mg/m³ Filter efficiency, oil aerosol 799 % Type of mounting Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 G3/4 Pneumatic connection 2 G3/4 Housing material Die-cast aluminum Covering material PA Compressed air filter material Material of bowl Mrought aluminum alloy Inspection window material PA	Filter efficiency, fine particles	99.995 %
Residual oil content Filter efficiency, oil aerosol 799 % Type of mounting Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 G3/4 Pneumatic connection 2 G3/4 Housing material Die-cast aluminum Covering material PA Compressed air filter material Material of bowl Inspection window material PA	MPPS	0.1 μm
Filter efficiency, oil aerosol Type of mounting Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 G3/4 Pneumatic connection 2 G3/4 Housing material Die-cast aluminum Covering material PA Compressed air filter material Material of bowl Inspection window material PA	MPPS filter efficiency	99.968 %
Type of mounting Optionally: Line installation With accessories Mounting position Vertical +/- 5° Pneumatic connection 1 G3/4 Pneumatic connection 2 G3/4 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 G3/4 Pneumatic connection 2 G3/4 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 G3/4 Pneumatic connection 2 G3/4 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 G3/4 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 Die-cast aluminum Covering material PA Compressed air filter material Borosilicate fiber Material of bowl Wrought aluminum alloy Inspection window material PA	Pneumatic connection 1	G3/4
Covering material PA Compressed air filter material Borosilicate fiber Material of bowl Wrought aluminum alloy Inspection window material PA	Pneumatic connection 2	G3/4
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	2500 g