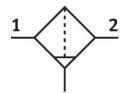
Micro filter MS12-LFM-G-AUV

Part number: 537154







General operating condition

Data sheet

Air quality class at the output Filter efficiency 99.9999 % Max. condensate volume 400 ml Bowl guard Integrated as metal bowl guard Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium 5 ° C 60 ° C Ambient temperature 5 ° C 60 ° C Storage temperature -10 ° C 60 ° C Filter efficiency, fine particles MPPS MPPS MPPS filter efficiency Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 7ye of mounting With mounting bracket	Feature	Value
Structural design Fiber filter Grade of filtration 0.01 μm Condensate drain Fully automatic Manual, non-detenting Symbol 00991519 Operating pressure 0.2 MPa 1.2 MPa Operating pressure 2 bar 1.2 bar Operating medium Compressed air as per ISO 8573-1:2010 [6:-4] Inert gas Information on operating and pilot media Ester oil <0.1mg/m³, according to ISO 8573-1:2010 [2]	Series	MS
Grade of filtration Condensate drain Fully automatic Manual, non-detenting Symbol Operating pressure Operating pressure Operating medium Compressed air as per ISO 8573-1:2010 [6::4] Inert gas Information on operating and pilot media Ester oil t 0.1 mg/m³, according to ISO 8573-1:2010 [-::2] Eitler efficiency 99.9999 % Max. condensate volume Bowl guard Integrated as metal bowl guard Corrosion resistance class (CRC) 2-Moderate corrosion stress LABS (PWIS) conformity Temperature 5 °C 60 °C Storage temperature 10 °C 60 °C Storage temperature 110 °C 60 °C Stor	Size	12
Condensate drain Fully automatic Manual, non-detenting Symbol Operating pressure Operating pressure Operating medium Compressed air as per ISO 8573-1:2010 [6:-4] Inert gas Information on operating and pilot media Ester oil (0.1mg/m³, according to ISO 8573-1:2010 [6:-42] Air quality class at the output Compressed air as per ISO 8573-1:2010 [3:-22] Air quality class at the output Compressed air as per ISO 8573-1:2010 [3:-22] Filter efficiency 99.9999 % Max. condensate volume 400 ml Bowl guard Integrated as metal bowl guard Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium 5 °C 60 °C Storage temperature 5 °C 60 °C Filter efficiency, fine particles MPPS 0.08 µm MPPS filter efficiency, fine particles MPPS 0.08 µm MPPS filter efficiency, oil aerosol 99.968 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol With mounting bracket Mounting position Vertical +/- 5° Housing material Die-cast aluminum Covering material Die-cast aluminum Covering material Die-cast aluminum Material of bowl Mrought aluminum alloy Inspection window material PC Seals material PC Seals material NBR	Structural design	Fiber filter
Symbol Manual, non-detenting Symbol 00991519 Operating pressure 0.2 MPa 1.2 MPa Operating pressure 2 bar 12 bar Operating medium Compressed air as per ISO 8573-1:2010 [6::4] Inert gas Information on operating and pilot media Ester oil < 0.1 mg/m³, according to ISO 8573-1:2010 [-::2]	Grade of filtration	0.01 μm
Operating pressure Operating pressure Operating pressure 2 bar 12 bar Operating medium Compressed air as per ISO 8573-1:2010 [6::4] Information on operating and pilot media Ester oil v. O. Img/m³, according to ISO 8573-1:2010 [6::4] Information on operating and pilot media Ester oil v. O. Img/m³, according to ISO 8573-1:2010 [3::2] Air quality class at the output Compressed air as per ISO 8573-1:2010 [3::2] Filter efficiency 99.9999 % Max. condensate volume 400 ml Bowl guard Integrated as metal bowl guard Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-81/B2-L Temperature of medium 5 ° C 60 ° C Storage temperature 5 ° C 60 ° C Storage temperature 10 ° C 60 ° C Filter efficiency, fine particles 99.995 % MPPS 0.08 µm MPPS IN O.08 µm MPPS IN O.01 mg/m³ Filter efficiency, oil aerosol 99 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol Vertical +/- 5° Housing material Die-cast aluminum Covering material Die-cast aluminum Covering material Borosilicate fiber Material of bowl Mrought aluminum alloy Inspection window material PC Seals material NBR	Condensate drain	1 '
Operating pressure Operating medium Compressed air as per ISO 8573-1:2010 [6:-4] Information on operating and pilot media Ester oil < 0.1mg/m³, according to ISO 8573-1:2010 [-:-2] Air quality class at the output Compressed air as per ISO 8573-1:2010 [3:-2] Filter efficiency 99.9999 % Max. condensate volume 400 ml Bowl guard Corrosion resistance class (CRC) 2- Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium 5°C 60°C Storage temperature 10°C 60°C Storage temperature 110°C 60°C Filter efficiency, fine particles 99.995 % MPPS 0.08 µm MPPS 0.08 µm MPPS filter efficiency 99.968 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 799 % Type of mounting With mounting bracket Mounting position Vertical +/- 5° Housing material Die-cast aluminum Covering material Die-cast aluminum Covering material Borosilicate fiber Material of bowl Mrought aluminum alloy Inspection window material PC Seals material NBR	Symbol	00991519
Operating medium Compressed air as per ISO 8573-1:2010 [6:-4] Inert gas Information on operating and pilot media Ester oil < 0.1 mg/m³, according to ISO 8573-1:2010 [-:-2] Air quality class at the output Compressed air as per ISO 8573-1:2010 [3:-2] Filter efficiency 99.9999 % Max. condensate volume 400 ml Bowl guard Integrated as metal bowl guard Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium 5 °C 60 °C Ambient temperature 5 °C 60 °C Storage temperature 10 °C 60 °C Filter efficiency, fine particles MPPS 0.08 µm MPPS filter efficiency 99.968 % Residual oil content Filter efficiency, oil aerosol 79 9% Type of mounting With mounting bracket Mounting position Vertical +/- 5° Housing material Covering material Covering material Borosilicate fiber Material of bowl Mrought aluminum alloy Inspection window material PC Seals material NBR	Operating pressure	0.2 MPa 1.2 MPa
Inert gas Information on operating and pilot media Ester oil < 0.1mg/m³, according to ISO 8573-1:2010 [-:-2] Air quality class at the output Compressed air as per ISO 8573-1:2010 [3:-2] Filter efficiency 99.9999 % Max. condensate volume 400 ml Bowl guard Integrated as metal bowl guard Corrosion resistance class (CRC) 2 · Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium 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 MPPS MPPS 0.08 µm MPPS filter efficiency 99.66 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 799 % Type of mounting With mounting bracket Mounting position Vertical +/- 5° Housing material Die-cast aluminum Covering material Die-cast aluminum Covering material Borosilicate fiber Material of bowl Wrought aluminum alloy Inspection window material PC Seals material NBR	Operating pressure	2 bar 12 bar
Air quality class at the output Filter efficiency 99.999 % Max. condensate volume 400 ml Bowl guard Integrated as metal bowl guard Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium 5 °C 60 °C Ambient temperature 5 °C 60 °C Storage temperature 10 °C 60 °C Filter efficiency, fine particles MPPS 0.08 µm MPPS (Integrated as metal bowl guard 0.01 mg/m³ Filter efficiency, oil aerosol Type of mounting Mounting position Vertical +/- 5° Housing material Covering material Die-cast aluminum Covering material Mounting material Mounting material Die-cast aluminum alloy Mrought aluminum alloy Inspection window material PC Seals material NBR	Operating medium	
Filter efficiency Max. condensate volume Bowl guard Corrosion resistance class (CRC) LABS (PWIS) conformity Temperature of medium Ambient temperature Storage temperature 10°C60°C Storage temperature 10°C60°C MPPS MPPS 0.08 µm MPPS (Ittler efficiency, fine particles) MPPS (Ittler efficiency, oil aerosol) Filter efficiency, oil aerosol Type of mounting Mounting position Housing material Covering material Die-cast aluminum Covering material Material of bowl Inspection window material PC Seals material NBR	Information on operating and pilot media	Ester oil < 0.1mg/m³, according to ISO 8573-1:2010 [-:-:2]
Max. condensate volume 400 ml Bowl guard Integrated as metal bowl guard Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium 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 MPPS filter efficiency 99.968 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 99 % Type of mounting With mounting bracket 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 PC Seals material NBR	Air quality class at the output	Compressed air as per ISO 8573-1:2010 [3:-:2]
Bowl guard Corrosion resistance class (CRC) LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium 5°C60°C Ambient temperature 5°C60°C Storage temperature 10°C60°C Filter efficiency, fine particles MPPS MPPS MPPS 0.08 µm MPPS filter efficiency 99.968% Residual oil content 70°C60°C Type of mounting With mounting bracket Mounting position Vertical +/- 5° Housing material Covering material Covering material Die-cast aluminum Covering material Material of bowl Material of bowl Inspection window material PC Seals material NBR	Filter efficiency	99.9999 %
Corrosion resistance class (CRC) LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium 5° C 60° C Ambient temperature 5° C 60° C Storage temperature 10° C 60° C Filter efficiency, fine particles MPPS MPPS 0.08 µm MPPS filter efficiency 99.968 % Residual oil content 70° C 60° C With mounting bracket Wounting position Vertical +/- 5° Housing material Covering material Die-cast aluminum Covering material Down descriptions Marerial of bowl Mrought aluminum alloy Inspection window material PC Seals material NBR	Max. condensate volume	400 ml
LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium 5°C60°C Ambient temperature 5°C60°C Storage temperature 10°C60°C Storage temperature 99.995 % MPPS 0.08 µm MPPS filter efficiency 99.968 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 7ype of mounting With mounting bracket Mounting position Vertical +/- 5° Housing material Die-cast aluminum Covering material Die-cast aluminum Covering material Die-cast aluminum Mounting browlete Mounting browlete Material of bowl Mrought aluminum alloy Inspection window material PC Seals material NBR	Bowl guard	Integrated as metal bowl guard
Temperature of medium 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 MPPS filter efficiency 99.968 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 7ype of mounting With mounting bracket Mounting position Vertical +/- 5° Housing material Covering material Covering material Compressed air filter material Material of bowl Mrought aluminum alloy Inspection window material PC Seals material NBR	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Ambient temperature 5 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles 99.995 % MPPS 0.08 µm MPPS filter efficiency 99.968 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 99 % Type of mounting With mounting bracket 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 PC Seals material NBR	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature -10 °C 60 °C Filter efficiency, fine particles 99.995 % MPPS 0.08 µm MPPS filter efficiency 99.968 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 99 % Type of mounting With mounting bracket 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 PC Seals material NBR	Temperature of medium	5 °C 60 °C
Filter efficiency, fine particles MPPS 0.08 µm MPPS filter efficiency 99.968 % Residual oil content 0.01 mg/m³ Filter efficiency, oil aerosol 7ype of mounting With mounting bracket Mounting position Vertical +/- 5° Housing material Die-cast aluminum Covering material PA Compressed air filter material Borosilicate fiber Material of bowl Inspection window material PC Seals material NBR	Ambient temperature	5 °C 60 °C
MPPS filter efficiency Residual oil content O.01 mg/m³ Filter efficiency, oil aerosol 7ye of mounting Mounting position Housing material Covering material Compressed air filter material Material of bowl Inspection window material Seals material NOR MPPS 99.968 % O.01 mg/m³ With mounting bracket With mounting bracket Vertical +/- 5° Die-cast aluminum PA Compressed air filter material Borosilicate fiber Wrought aluminum alloy PC Seals material NBR	Storage temperature	-10 °C 60 °C
MPPS filter efficiency Residual oil content O.01 mg/m³ Filter efficiency, oil aerosol 7ype of mounting Mounting position Wertical +/- 5° Housing material Die-cast aluminum Covering material Die-cast aluminum Compressed air filter material Material of bowl Mrought aluminum alloy Inspection window material PC Seals material NBR	Filter efficiency, fine particles	99.995 %
Residual oil content Filter efficiency, oil aerosol 79 % Type of mounting With mounting bracket Wounting position Vertical +/- 5° Housing material Covering material PA Compressed air filter material Borosilicate fiber Material of bowl Inspection window material PC Seals material NBR	MPPS	0.08 μm
Filter efficiency, oil aerosol Type of mounting Mith mounting bracket Mounting position Vertical +/- 5° Housing material Covering material PA Compressed air filter material Material of bowl Inspection window material PC Seals material NBR	MPPS filter efficiency	99.968 %
Type of mounting With mounting bracket 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 PC Seals material NBR	Residual oil content	0.01 mg/m ³
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 PC Seals material NBR	Filter efficiency, oil aerosol	99 %
Housing material Die-cast aluminum Covering material PA Compressed air filter material Borosilicate fiber Material of bowl Wrought aluminum alloy Inspection window material PC Seals material NBR	Type of mounting	With mounting bracket
Covering material PA Compressed air filter material Borosilicate fiber Material of bowl Wrought aluminum alloy Inspection window material PC Seals material NBR	Mounting position	Vertical +/- 5°
Compressed air filter material Borosilicate fiber Material of bowl Wrought aluminum alloy Inspection window material PC Seals material NBR	Housing material	Die-cast aluminum
Material of bowl Wrought aluminum alloy Inspection window material PC Seals material NBR	Covering material	PA
Inspection window material PC Seals material NBR	Compressed air filter material	Borosilicate fiber
Seals material NBR	Material of bowl	Wrought aluminum alloy
	Inspection window material	PC
Note on materials RoHS-compliant	Seals material	NBR
	Note on materials	RoHS-compliant

Feature	Value
Product weight	7000 g