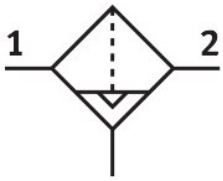
# Micro filter
# MS6-LFM-1/2-AUV-Z

Part number: 529658






## Data sheet

| Feature | Value |
|---|---|
| Series | MS |
| Size | 6 |
| Structural design | Fiber filter |
| Grade of filtration | 0.01 µm |
| Condensate drain | Fully automatic<br>Manual, non-detenting |
| Operating pressure | 0.2 MPa...1.2 MPa<br>2 bar...12 bar |
| Operating medium | Compressed air as per ISO 8573-1:2010 [6:4:4]<br>Inert gases |
| Air quality class at the output | Compressed air according to ISO 8573-1:2010 [3:4:2] |
| Max. standard flow rate for air quality class | 900 l/min |
| Min. standard flow rate for air quality class | 135 l/min |
| Filter efficiency | 99.9999 % |
| Max. condensate volume | 38 cm³ |
| Bowl guard | Integrated as metal bowl |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| For use in the food industry | See supplementary material information |
| 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 | 0.05 µm |
| MPPS filter efficiency | 99.95 % |
| Residual oil content | 0.01 mg/m³ |
| Filter efficiency, oil aerosol | 99 % |
| Type of mounting | Alternatively:<br>In-line installation<br>With accessories |
| Mounting position | Vertical ±5° |
| Pneumatic connection 1 | G1/2 |

| Feature | Value |
|---|---|
| Pneumatic connection 2 | G1/2 |
| Housing material | Die-cast aluminum |
| Compressed air filter material | Borosilicate glass fiber |
| Material of bowl | Wrought aluminum alloy |
| Seals material | NBR |
| Note on materials | RoHS compliant |
| Product weight | 820 g |