

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

Part number: 529658

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|--|
| Series | MS |
| Size | 6 |
| Structural design | Fiber filter |
| Grade of filtration | 0.01 µm |
| Condensate drain | Manual, non-detenting |
| Symbol | 00991520 |
| 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 |
| Air quality class at the output | Compressed air as per ISO 8573-1:2010 [3:::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 ml |
| Bowl guard | Integrated as metal bowl guard |
| 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/m ³ |
| Filter efficiency, oil aerosol | 99 % |
| Type of mounting | With accessories |
| Mounting position | Vertical +/- 5° |
| Pneumatic connection 1 | G1/2 |
| Pneumatic connection 2 | G1/2 |
| Housing material | Die-cast aluminum |
| Compressed air filter material | Borosilicate fiber |
| Material of bowl | Wrought aluminum alloy |

| Feature | Value |
|-------------------|----------------|
| Seals material | NBR |
| Note on materials | RoHS-compliant |
| Product weight | 820 g |