

Micro filter MS9-LFM-N3/4-AUV

Part number: 553088

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|---|
| Series | MS |
| Size | 9 |
| Design | Fibre 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 to ISO 8573-1:2010 [6:-:4] |
| Air purity class at output | Compressed air to ISO 8573-1:2010 [3:-:2] |
| Max. standard flow rate for clean air class | 6500 l/min |
| Min. standard flow rate for clean air 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-B1/B2-L |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 7 according to ISO 14644-1 |
| Media temperature | 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 |
| Filter efficiency MPPS | 99.981 % |
| Residual oil content | 0.01 mg/m ³ |
| Filter efficiency, oil aerosol | 99 % |
| Type of mounting | With accessories |
| Mounting position | Vertical +/-5° |
| Pneumatic connection, port 1 | 3/4 NPT |
| Pneumatic connection, port 2 | 3/4 NPT |
| Material housing | Die-cast aluminium |
| Material covering | PA |
| Material filter | Borosilicate fibre |
| Material bowl | Wrought aluminium alloy |
| Material screen | PA |

| Feature | Value |
|----------------|--------------|
| Material seals | NBR |
| Product weight | 2000 g |