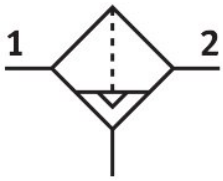
# Fine filter
# MS9-LFM-1-BUV

Part number: 553006






## Data sheet

| Feature | Value |
|---|---|
| Series | MS |
| Size | 9 |
| Design | Fibre filter |
| Grade of filtration | 1 µm |
| Condensate drain | Fully automatic<br>Manual, non-detenting |
| Operating pressure | 0.2 MPa...1.2 MPa<br>2 bar...12 bar<br>29 psi...174 psi |
| Operating medium | Compressed air to ISO 8573-1:2010 [6:-:4] |
| Air purity class at output | Compressed air to ISO 8573-1:2010:[5:-:3] |
| Max. standard flow rate for clean air class | 7000 l/min |
| Min. standard flow rate for clean air class | 350 l/min |
| Filter efficiency | 99.99 % |
| Max. condensate volume | 225 ml |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Media temperature | -10 °C...60 °C |
| Ambient temperature | -10 °C...60 °C |
| Storage temperature | -10 °C...60 °C |
| Filter efficiency, fine particles | 99 % |
| Residual oil content | 0.5 mg/m³ |
| Filter efficiency, oil aerosol | 90 % |
| Explosion ambient temperature | -10 °C <= Ta <= +60 °C |
| Type of mounting | Either:<br>In-line installation<br>With accessories |
| Mounting position | Vertical +/-5° |
| Pneumatic connection, port 1 | G1 |
| Pneumatic connection, port 2 | G1 |
| Material housing | Die-cast aluminium |
| Material covering | PA |

| Feature | Value |
|---|---|
| Material filter | Borosilicate fibre |
| Material bowl | Wrought aluminium alloy |
| Material screen | PA |
| Material seals | NBR |
| Product weight | 2000 g |