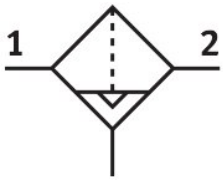
# Micro filter
# MS6-LFM-1/2-ARV

Part number: 530502






## Data sheet

| Feature | Value |
|---|---|
| Series | MS |
| Size | 6 |
| Design | Fibre 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 to ISO 8573-1:2010 [6:4:4]<br>Inert gas |
| Air purity class at output | Compressed air to ISO 8573-1:2010 [3:4:2] |
| Max. standard flow rate for clean air class | 900 l/min |
| Min. standard flow rate for clean air class | 135 l/min |
| Filter efficiency | 99.9999 % |
| Max. condensate volume | 38 cm³ |
| Bowl guard | Plastic bowl guard |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Suitable for use with food | See supplementary material information |
| Media temperature | -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 |
| Filter efficiency MPPS | 99.95 % |
| Residual oil content | 0.01 mg/m³ |
| Filter efficiency, oil aerosol | 99 % |
| Type of mounting | Either:<br>Inline installation<br>With accessories |
| Mounting position | Vertical +/-5° |
| Pneumatic connection, port 1 | G1/2 |

| Feature | Value |
|---|---|
| Pneumatic connection, port 2 | G1/2 |
| Material housing | Die-cast aluminium |
| Material filter | Borosilicate fibre |
| Material bowl | Makrolon® |
| Material seals | NBR |
| Note on materials | RoHS compliant |
| Product weight | 600 g |