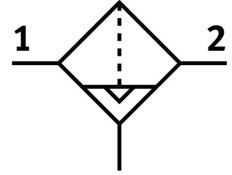


# Micro filter MS6-LFM-1/2-AUV

Part number: 529657

FESTO



 General operating condition

## Data sheet

| Feature                                     | Value                                                    |
|---------------------------------------------|----------------------------------------------------------|
| Series                                      | MS                                                       |
| Size                                        | 6                                                        |
| Design                                      | Fibre filter                                             |
| Grade of filtration                         | 0.01 µm                                                  |
| Condensate drain                            | Fully automatic                                          |
| Symbol                                      | 00991520                                                 |
| Operating pressure                          | 2 bar ... 12 bar                                         |
| Operating medium                            | Compressed air to ISO 8573-1:2010 [6:8:4]<br>Inert gases |
| Air purity class at output                  | Compressed air to ISO 8573-1:2010 [1:7:2]                |
| 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 ml                                                    |
| Bowl guard                                  | Integrated as metal bowl                                 |
| 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                                         |
| Residual oil content                        | 0.01 mg/m³                                               |
| Type of mounting                            | Either:<br>In-line installation<br>With accessories      |
| Mounting position                           | Vertical +/-5°                                           |
| Pneumatic connection, port 1                | G1/2                                                     |
| Pneumatic connection, port 2                | G1/2                                                     |
| Material housing                            | Die-cast aluminium                                       |
| Material filter                             | Borosilicate fibre                                       |
| Material bowl                               | Wrought aluminium alloy                                  |
| Material seals                              | NBR                                                      |
| Note on materials                           | RoHS-compliant                                           |
| Product weight                              | 820 g                                                    |