

# Micro filter MS4-LFM-1/8-ARM

Part number: 529463

FESTO



## Data sheet

| Feature                                     | Value                                                    |
|---------------------------------------------|----------------------------------------------------------|
| Series                                      | MS                                                       |
| Size                                        | 4                                                        |
| Design                                      | Fibre filter                                             |
| Grade of filtration                         | 0.01 µm                                                  |
| Condensate drain                            | Manually rotating                                        |
| Operating pressure                          | 0 MPa...1.4 MPa<br>0 bar...14 bar                        |
| Operating medium                            | Compressed air to ISO 8573-1:2010 [6:-:4]<br>Inert gases |
| Air purity class at output                  | Compressed air to ISO 8573-1:2010 [3:-:2]                |
| Max. standard flow rate for clean air class | 360 l/min                                                |
| Min. standard flow rate for clean air class | 54 l/min                                                 |
| Filter efficiency                           | 99.9999 %                                                |
| Max. condensate volume                      | 19 ml                                                    |
| 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                            | In-line installation<br>With accessories<br>Either:      |
| Mounting position                           | Vertical +/-5°                                           |
| Pneumatic connection, port 1                | G1/8                                                     |
| Pneumatic connection, port 2                | G1/8                                                     |

| Feature           | Value              |
|-------------------|--------------------|
| Material housing  | Die-cast aluminium |
| Material filter   | Borosilicate fibre |
| Material bowl     | PC                 |
| Material seals    | NBR                |
| Note on materials | RoHS-compliant     |
| Product weight    | 190 g              |