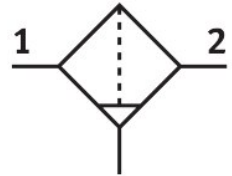


# Micro filter MS9-LFM-G-AUM

Part number: 564047

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value                                         |
|-----------------------------------------------|-----------------------------------------------|
| Series                                        | MS                                            |
| Size                                          | 9                                             |
| Structural design                             | Fiber filter                                  |
| Grade of filtration                           | 0.01 µm                                       |
| Condensate drain                              | Manually rotating                             |
| Symbol                                        | 00991519                                      |
| Operating pressure                            | 0 MPa ... 2 MPa                               |
| Operating pressure                            | 0 bar ... 20 bar                              |
| Operating pressure                            | 0 psi ... 290 psi                             |
| Operating medium                              | Compressed air as per ISO 8573-1:2010 [6:-:4] |
| Air quality class at the output               | Compressed air as per ISO 8573-1:2010 [3:-:2] |
| Max. standard flow rate for air quality class | 6500 l/min                                    |
| Min. standard flow rate for air quality 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                             |
| Temperature of medium                         | -10 °C ... 60 °C                              |
| Ambient temperature                           | -10 °C ... 60 °C                              |
| Storage temperature                           | -10 °C ... 60 °C                              |
| Filter efficiency, fine particles             | 99.995 %                                      |
| MPPS                                          | 0.08 µm                                       |
| MPPS filter efficiency                        | 99.981 %                                      |
| Residual oil content                          | 0.01 mg/m³                                    |
| Filter efficiency, oil aerosol                | 99 %                                          |
| Type of mounting                              | With accessories                              |
| Mounting position                             | Vertical +/- 5°                               |
| Pneumatic connection 1                        | Battery module                                |
| Pneumatic connection 2                        | Battery module                                |
| Housing material                              | Die-cast aluminum                             |
| Covering material                             | PA                                            |
| Compressed air filter material                | Borosilicate fiber                            |
| Material of bowl                              | Wrought aluminum alloy                        |
| Inspection window material                    | PA                                            |

| Feature        | Value  |
|----------------|--------|
| Seals material | NBR    |
| Product weight | 2000 g |