

# Microfilter

**PLUS**

Art. No. 146950

Type No. FSPM.G1.OM



Exemplary illustration

Ideal for filtering out aerosols and solid impurities larger than 0.01 µm.  
Micro-filters should always be used in conjunction with a pre-filter.

## Technical data

|   |  |
|---|--|
| Input pressure                                  | 4 - 16 bar   |
| Temperature range                               | 1,5 to 80 °C   |
| Housing   | aluminium  |
| filter bowl                                     | aluminium  |
| Filter rating                                   | 0.01 µm  |
| Particle separation                             | 0.01 µm  |
| Efficiency                                      | 99.999 %   |
| Filter element                                  | cellulose  |
| End caps  | plastic  |
| Support sleeves                                 | stainless steel SS308  |
| Drainage layer                                  | needle felt  |
| Indicating range of differential pressure gauge | 0 - 1 bar  |
| Flow rate measurement                           | at $P_1 = 7$ bar and pressure drop $\Delta_p = 0.1$ bar  |
| Thread  | G 1  |
| Flow rate                                       | 5000 l/min   |
| A   | 130.0 mm   |
| C   | 43.0 mm  |
| D   | 386.0 mm   |
| Version   | without differential pressure gauge  |
| Condensate drain                                | automatic bleeder valve  |
| Recommended change intervals                    | every 8000 operating hours, at the latest after 12 months (filter element),<br>once a year (bleeder valve) |

## Commercial data

|                         |             |
|-------------------------|-------------|
| Customs tariff number   | 84213925    |
| Country of origin       | MY          |
| eCl@ss 5.1.4            | 27293003    |
| eCl@ss 9.0              | 27293003    |
| UNSPSC_Code_v190501     | 40161505    |
| UNSPSC_CodeDesc_v190501 | Air filters |

## Accessories

|   | Art. No. | Type No.          |
|---|----------|-------------------|
| Differential pressure gauge, pre-, micro-, active charcoal filter | 146967   | FSPDM.0-1B        |
| Connection set for 2 filter, G 3/4 to G 1 1/2                     | 147702   | VBSFSP.2.G34-G112 |
| Connection set for 3 filter, G 3/4 to G 1 1/2                     | 147704   | VBSFSP.3.G34-G112 |
| Wall mounting set for 1 filter, G 3/4 to G 1 1/2                  | 147706   | WMSFSP.G34-G112   |

## Spareparts

|   | Art. No. | Type No.         |
|---|----------|------------------|
| Automatic bleeder valve, G 1/4 to G 1 1/2 | 147707   | AAFSPVM.G14-G112 |
| Filter element, G 1                       | 147722   | FEFSPM.G1        |