

# Micro filter PFML-90-HP3-AST

Part number: 1612487

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value  |
|---|--|
| Series  | L  |
| Size  | 90   |
| Structural design                             | Fiber filter   |
| Grade of filtration                           | 0.01 µm  |
| Condensate drain                              | Manual   |
| Symbol  | 00991519   |
| Operating pressure                            | 0 MPa ... 5 MPa  |
| Operating pressure                            | 0 bar ... 50 bar   |
| Operating medium                              | Compressed air as per ISO 8573-1:2010 [2:4:4]<br>Inert gas |
| Information on operating and pilot media      | Operation with oil lubrication not possible                |
| Air quality class at the output               | Compressed air as per ISO 8573-1:2010 [1:4:2]              |
| Max. standard flow rate for air quality class | 10220 l/min  |
| Filter efficiency                             | 99.99998 %   |
| Max. condensate volume                        | 200 ml   |
| Corrosion resistance class (CRC)              | 2 - Moderate corrosion stress                              |
| LABS (PWIS) conformity                        | VDMA24364 zone III   |
| For use in the food industry                  | See supplementary material information                     |
| Temperature of medium                         | 5 °C ... 60 °C   |
| Ambient temperature                           | 5 °C ... 60 °C   |
| Storage temperature                           | -10 °C ... 60 °C   |
| CE marking (see declaration of conformity)    | as per EU pressure equipment directive                     |
| UKCA marking (see declaration of conformity)  | according to UK regulations for pressure equipment         |
| Type of mounting                              | Line installation  |
| Mounting position                             | Vertical +/- 5°  |
| Housing material                              | Wrought aluminum alloy                                     |
| Compressed air filter material                | Borosilicate fiber   |
| Material of bowl                              | High-alloy stainless steel                                 |
| Seals material                                | NBR  |
| Note on materials                             | RoHS-compliant   |
| Product weight                                | 7700 g   |
| Volume  | 3  |