

## Microfilter 1/4" Series MF



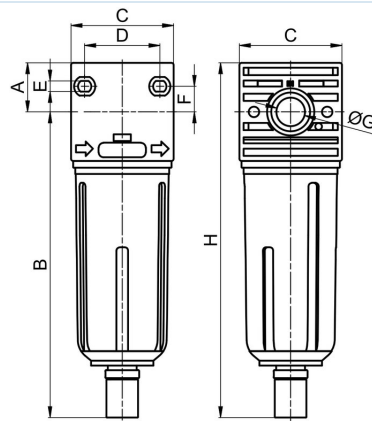
|                        |                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------|
| Design type            | Microfilter with special filter element and protective basket                                                          |
| Function               | Filtering compressed air, for filtering out liquid and solid contaminants, Residual oil content <0,01mg/m <sup>3</sup> |
| Quality classes        | Solid particles 1, Oil 1 according to ISO 8573-1                                                                       |
| Filter element         | 0,01µm                                                                                                                 |
| Connection             | G1/4" according to ISO228/1                                                                                            |
| Materials              | Housing Acetal resin (POM), Threaded connections Brass, Condensate reservoir Polyamide, Protective cage PE, Seals NBR  |
| Medium                 | Compressed air                                                                                                         |
| Medium temperature     | +5...+50°C                                                                                                             |
| Ambient temperature    | +5...+50°C                                                                                                             |
| Inlet pressure         | max. 16bar, 1,5...10bar with automatic drain valve K-SA                                                                |
| Flow direction         | is marked by an arrow                                                                                                  |
| Mounting type          | Installation in piping system or Wall mounting                                                                         |
| Mounting position      | vertical, Condensate container downward                                                                                |
| Condensate drain valve | manual or semi-automatic                                                                                               |
| Application note       | To protect the filter elements, a standard filter must be installed upstream.                                          |

### Order code

|                        |                                       |
|------------------------|---------------------------------------|
| MF - 14 - 01 - PE - SS |                                       |
| Connection             | 1/4" 14                               |
| Filter element         | 0,01µm 01                             |
| Reservoir              | Plastic bowl with protective guard PE |
| Drain valve            | Manual drain valve SS                 |
|                        | automatic drain valve SA              |

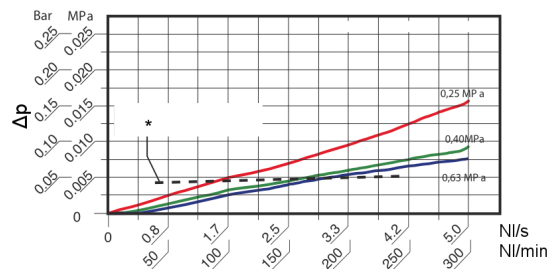


Dimensions



| Connection G | A  | B     | C  | D  | E   | F    | H     | Weight<br>[approx. kg] | Type           |
|--------------|----|-------|----|----|-----|------|-------|------------------------|----------------|
| G1/4"        | 20 | 125,5 | 42 | 31 | 4,5 | 10,5 | 145,5 | 0,09                   | MF-14-01-PE-SS |

Flow diagram



\*Recommended maximum flow rate  
The diagram shows various inlet pressures

Illustrations non-binding  
Design, dimensional and material changes reserved