

MPG 12 FI

Filter



- ♦ Medium : inert gases / rare gases / O₂ / CO₂ / air, other media on request
- ♦ Filter cartridge exchangeable
- ♦ Suitable for high-pressure oxygen service
- ♦ Approval : CTE
- ♦ Conformity : ATEX

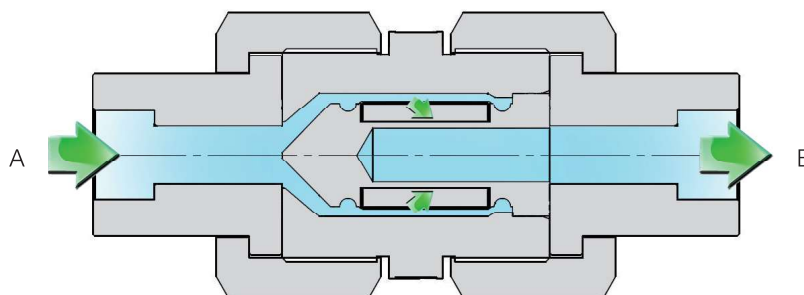
The filter MPG 12 FI has a filter cartridge through which the medium flows. The filter cartridge ensures that potential contaminations in the medium are filtered out. The material of the filter is hardly inflammable which guarantees the operational safety of your filling system in the long run.

Technical data

| | |
|-------------------------------|--|
| ♦ Pressure range | PN 420 |
| ♦ Standard connections | G 1/2, NPT 1/2, SW 1/2", SW 3/4" |
| ♦ Nominal diameter | DN 12 |
| ♦ Media temperature | from -40 °C to +80 °C |
| ♦ Ambient temperature | from -40 °C to +60 °C |
| ♦ Flow direction | A → B |
| ♦ Options of filter cartridge | 15 µm 63 µm (standard) |
| ♦ Kv-value | 4,25 m ³ /h 4,67 m ³ /h |
| ♦ Weight | 3,0 kg (including connection adapter) |

Version February 2016

Function

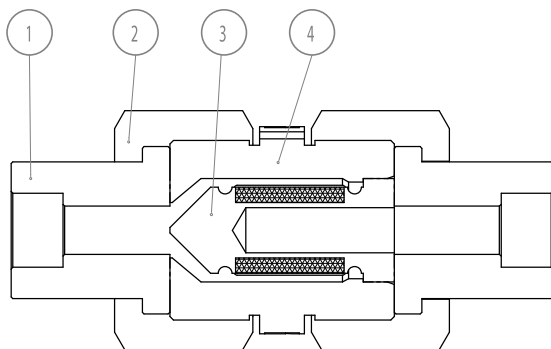


 Medium : gas  Flow direction

Options with the filter

- ◆ Connections
SW 1/2", SW 3/4", SW 16mm, SW 20mm, G 1/2, NPT 1/2
- ◆ Connection material
Stainless steel, Monel, Brass
- ◆ Filter
Nickel 15µm, Nickel 63µm, (standard), Monel 63µm, Monel 100µm, other filter size on request
- ◆ Further filter sizes can be inserted afterwards

Material specification, Spare parts



| Position | Description | Werkstoff |
|----------|------------------|-------------------------------|
| 1 | Connection piece | Monel, stainless steel, brass |
| 2 | Union nut | Brass |
| 3 | Filter cartridge | Monel, nickel |
| 4 | Filter housing | Brass |

| Spare parts | Article number |
|-------------------|----------------|
| Filter cartridge: | |
| Nickel 15 µm | 09929 |
| 63 µm (Standard) | 09955 |
| Monel 63 µm | 12541 |
| 100 µm | 12542 |

Dimensions

