

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

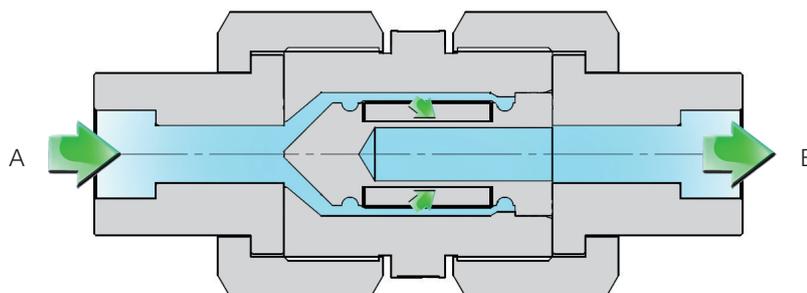
The filter MPG 12 FI has a filter cartridge through which the medium flows. The filter cartridge ensures that potential contaminations in the medium are filtered out. The material of the filter is hardly inflammable which guarantees the operational safety of your filling system in the long run.

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)

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Function

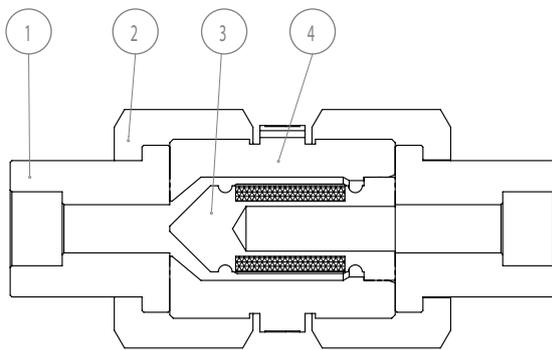


 Medium : gas  Flow direction

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

