

MPG 12 CV

Non-return valve



- ♦ Medium : inert gases / rare gases / O₂ / CO₂ / air, other media on request
- ♦ Rugged design, resistant against pressure strokes
- ♦ Approval : BAM
- ♦ Conformity : ATEX

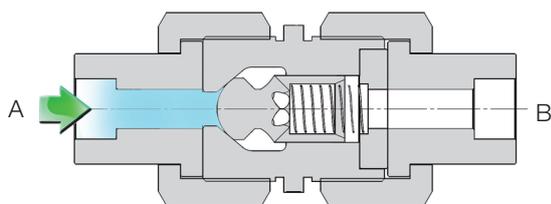
The valve type MPG 12 CV is a non-return valve and a must-have for all gas filling applications. The rugged design of this valve ensures a special resistance against high pressure strokes. The non-return valve prevents the backflow of the medium by closing and protects the filling process.

Technical Data

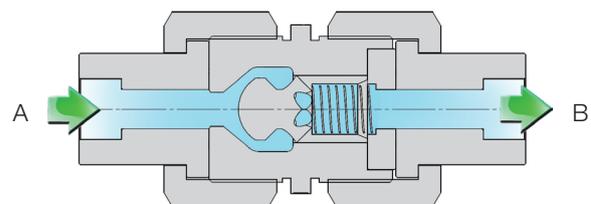
♦ Pressure range	PN 420
♦ Standard connections	G 1/2, NPT 1/2, SW 1/2", SW 3/4"
♦ Nominal diameter	DN 12
♦ Media temperature	from -40 °C to +80 °C
♦ Ambient temperature	from -40 °C to +60 °C
♦ Leak rate	10 ⁻⁶ mbar l/s
♦ Flow direction	A → B
♦ Opening pressure	0,25 bar
♦ Kv-value	5,0 m ³ /h
♦ Weight	3,0 kg (including connection adapter)

Version February 2016

Function



♦ Closed



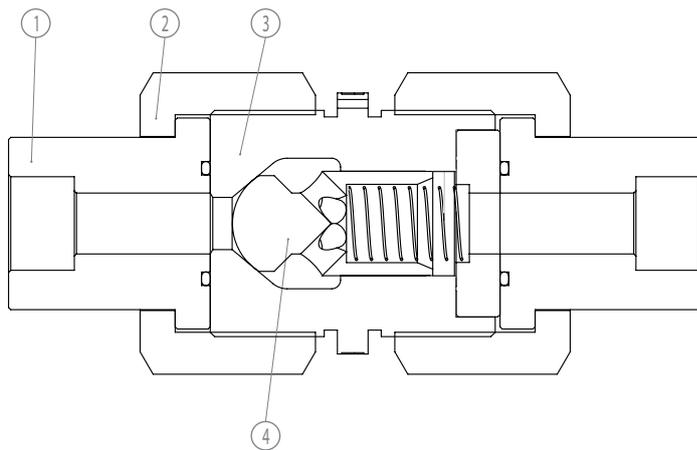
♦ Open

 Medium : gas  Flow direction

Options with this valve type

- ◆ Connections
SW 1/2", SW 3/4", SW 16mm, SW 20mm, G 1/2, NPT 1/2
- ◆ Connection material
Stainless steel, Monel, Brass
- ◆ Further connections on request

Material specification, Spare parts



Position	Description	Material
1	Connection piece	Monel, stainless steel, Brass
2	Union nut	Brass
3	Valve body	Brass
4	Valve spindle	Monel, stainless steel

- ◆ Spare parts
Non-return valve without connections: Article number 09972

Dimensions

