

Pressure Regulators and Gasfilters

Gas pressure regulators HUP-HUPF series

Spring-loaded gas pressure regulator with inlet pressure compensation and zero shut-off.
All gas-consuming appliances



HUPF025B110



Media

manufactured gases (town gas) natural gases (group H - methane) liquefied petroleum gas (LPG) non-aggressive gases air

Materials

- body: aluminium die cast, UNI 5076/3051
- filter (HUPF): self-extinguishing synthetic fiber for gases conform EN437 galvanized electro welded mesh
- filter (HUPF): mesh 50µm

Approvals

CE (EN88-1), GOST, AGA

Max. operating pressure

500 mbar

Ambient temperature

-15 ... 60 °C

Pressure setpoint range

10 ... 30 mbar

Filter mesh

50 micron

Additional description

- The outlet pressure is kept constant with changing gas flow as a function of the spring setting. The zero shut-off prevents the outlet pressure from increasing when there is no gas flow through the regulator.
- The HUPF-series have a field replaceable filter element.
- There are two inlet pressure taps on each side of the regulator: Rp 1/4"
- The outlet pressure range can be adjusted by an adjustment screw on top of the regulator. Other pressure ranges than the standard can be selected by changing the spring.

Threaded connection. With incorporated gas filter.

Pipe connection	Threads type	Pipe size	Comment	Type
Internal thread as per ISO 7/1 (Rp)	BSP	Rp 1/2		HUPF015B110
Internal thread as per ISO 7/1 (Rp)	BSP	Rp 3/4		HUPF020B110
Internal thread as per ISO 7/1 (Rp)	BSP	Rp 1		HUPF025B110
Internal thread as per ISO 7/1 (Rp)	BSP	Rp 1 1/4		HUPF032B110
Internal thread as per ISO 7/1 (Rp)	BSP	Rp 1 1/2		HUPF040B110
Internal thread as per ISO 7/1 (Rp)	BSP	Rp 2		HUPF050B110

Flanged connection. With incorporated gas filter.

Pipe connection	Threads type	Pipe size	Comment	Type
PN16 Flanges as per EN 1092-1	–	DN40	pre-mounted flange assembly	HUPF040B310
PN16 Flanges as per EN 1092-1	–	DN50	pre-mounted flange assembly	HUPF050B310
PN16 Flanges as per EN 1092-1	–	DN65	full casted body	HUPF065B310
PN16 Flanges as per EN 1092-1	–	DN80	full casted body	HUPF080B310
PN16 Flanges as per EN 1092-1	–	DN100	full casted body	HUPF100B310



HUPF050B310

Adjustment springs HRSP150 for HUPF015, HUPF020 and HUPF025

Green spring (5 ... 13 mbar)	HRSP150M1
Red spring (7 ... 20 mbar)	HRSP150M2
White spring (10 ... 30 mbar). This is the factory default.	HRSP150M3
Yellow spring (25 ... 70 mbar)	HRSP150M4
Violet spring (65 ... 150 mbar)	HRSP150M7
Orange spring (140 ... 300 mbar)	HRSP150M8