Gas pressure regulators HUP-HUPF series

HUPF025B110

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

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 50um
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 to 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.

HUPF050B310

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**

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**