Safety through Precision

GLOOR MEDICAL

SWISS optio manifold regulator

manifold

The central pressure reducing valve at a glance:

- high flow rate
- high pressure constancy through primary pressure compensation
- working pressure adjustable up to 10 bar
- integrated relief valve
- the application is mainly intended for central gas supply systems in hospitals and clinics

Thanks to its flow rate, the field of application of the medical **central gas supply reducing valve** is mainly found in the area of central gas supply systems for medical gases. The **central gas supply reducing valve** can be supplied with a cylinder connector or for connection for a high pressure pipeline / cylinder battery.

The working pressure of the **central pressure reducing valve** can be adjusted up to 10 bar. Once adjusted, the pressure is secured by means of a counter nut to prevent any unintended or unauthorised adjustment of the pressure.

The **central gas supply reducing valve** is equipped with a content and a working pressure gauge. It is equipped with an upwards-directed relief valve and an integrated sinter filter.

The **central pressure reducing valve** meets the requirements of EN ISO 10524-2 (incl. ignition test for oxygen according EN ISO 7291:2001). CE marking according to the Guideline for Medical Products 93/42/EEC.

Technical data :

Construction	single-stage diaphragm pressure regulator (compensated for primary pressure)
Inlet pressure	200 bar
Outlet pressure	0 – 10 bar
Flow rate	100 Nm^3/h
Gas	Air, O_2, CO_2, N_2O, N_2 and their mixtures
Inlet	DIN, NF, SS, BS, UNI cylinder connection (others on request)
Outlet	G 1/4“ inner thread, flat sealing
Material	brass body, external parts nickel-plated,
Sealing material	POM, FPM, EPDM, silicone, copper
Operating temperature	-20° up to +60°C
Dimensions	W x H x D : 192 x 186 x 99 mm
Weight	3.3 kg

Model variants GM8150 :

Necessary information when ordering :

Gas	AIR, O_2, CO_2, N_2O, N_2
Working pressure	0 – 10 bar or preset
Inlet	DIN, NF, SS, BS, UNI

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