

## SWISS optio manifold regulator maxi



manifold maxi

### The central pressure reducing valve maxi at a glance:

- very high flow rate
- working pressure adjustable up to 10, or up to 20 bar
- for inlet pressure 200 bar or 300 bar
- integrated relief valve
- the application is mainly intended for central gas supply systems in hospitals and clinics

Thanks to its very high flow rate, the field of application of the medical **central pressure reducing valve maxi** is mainly found in the area of central gas supply systems for medical gases. The **central pressure reducing valve maxi** 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 maxi** can be adjusted up to 10 bar or alternatively up to 20 bar. Once adjusted, the pressure is secured by means of a counter nut to prevent any unintended or unauthorised adjustment on the pressure.

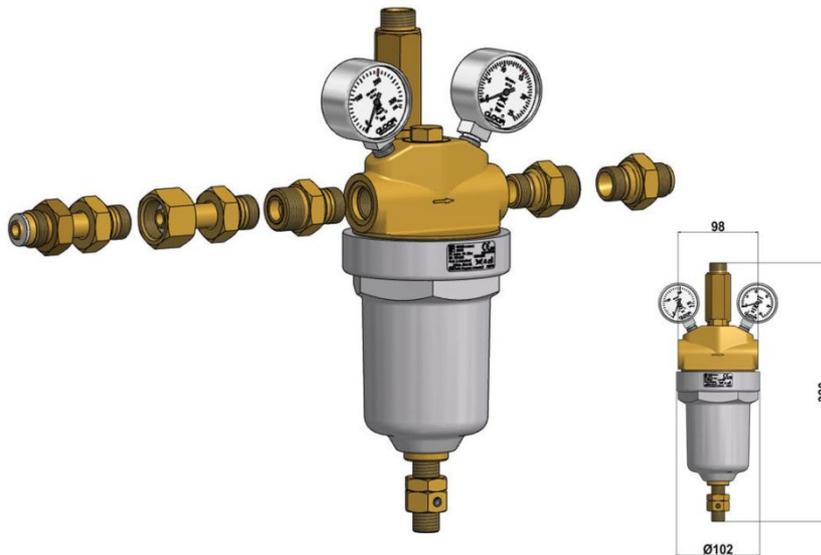
The **central pressure reducing valve maxi** is equipped with a content and a working pressure gauge. It is equipped with an upwards-directed relief valve and an integrated sinter filter.

The **central pressure reducing valve maxi** meets the requirements of EN ISO 10524-2 (ignition test for oxygen up to 30 bar working pressure 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
Inlet pressure	200 / 300 bar
Outlet pressure	0 – 10 bar, 0 – 20 bar
Flow rate	150 Nm <sup>3</sup> /h (at P1=21 bar, P2=10 bar)
Gas	Air, O <sub>2</sub> , CO <sub>2</sub> , N <sub>2</sub> O, N <sub>2</sub> and their mixtures
Inlet	G 3/4" male flat sealing, cylinder connection DIN, NF, SS, BS, UNI (others on request)
Outlet	G 3/4" male conical sealing (others on request)
Material	body brass, bonnet made in aluminium, inox
Sealing material	POM, EPDM, NBR, CR
Operating temperature	-20° to +60°C
Dimensions	W x H x D : 155 x 340 x 95 mm
Weight	4.8 kg

## Model variants GM8350 :



## Necessary information when ordering :

Gas	AIR, O <sub>2</sub> , CO <sub>2</sub> , N <sub>2</sub> O, N <sub>2</sub>
Working pressure	0 – 10 bar, 0 – 20 bar or preset
Inlet	G 3/4" male flat sealing, cylinder connection DIN, NF, SS, BS, UNI (others on request)
Outlet	G 3/4" male conical sealing (others on request)

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