GLOOR MEDICAL

SWISS optio pipeline isolator

pipeline isolator

The **pipeline isolator** is used to electrically isolate / separate pipelines in individual departments or areas, such as operating theaters or intensive care units in hospitals and clinics, from other pipelines within the central medical gas supply.

The **pipeline isolator** can be used for the medical gases oxygen O_2, nitrous oxide N_2O, Air, vacuum, carbon dioxide CO_2 and as well for the gases used to operate surgical instruments such as AIR 800 and nitrogen N_2.

Depending on the version used, the **pipeline isolator** can be mounted in pipelines of Ø12, Ø15, Ø22 or Ø28 mm. By means of the solder ring fittings on both ends, the isolator is soldered into the corresponding pipeline on the intended electrical separation point.

The **pipeline isolator** has been reviewed and approved by ELECTROSUISSE according to the relevant guidelines and standards (IEC/EN).

The area of use of the **pipeline isolator** is the central gas supply of medical gases in hospitals and clinics.

CE marking according to the Guideline for Medical Products 93/42/EEC.

Technical data :

Classification	equipment class according to CE guideline 93/42 EEC annex IX, class II a
Pressure range	max. 8 bar (Air 800 or N_2)
Gas	O_2, N_2O, AIR, Vacuum, CO_2, AIR 800, N_2.
Inlet / Outlet	soldering fitting Ø12 mm, Ø15 mm, Ø22 mm, Ø28 mm
Material	brass, isolator tube PC (polycarbonate), sealing material : EPDM
Operating temperature	-20 to +60°C
Dimensions	total length for all tube diameters : 182 mm (152 mm between soldering shoulders)
	Ø12 mm, Ø15 mm : outer diameter Ø30 mm, on both sides hexagon SW30
	Ø22 mm : outer diameter Ø 40 mm, hexagon SW36
	Ø28 mm : outer diameter Ø 40 mm, hexagon SW45
Weight	460 g (Ø12 mm), 770 g (Ø28 mm)

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