

Marine and industrial plant engineering



SENIOR/3 manual control module

Product description

Control module for compressed gas with two inlets and single model 451 pressure regulator with one pressure gauge. Gas specific inlet connection. Outlet with Ø16 mm weld-on pipe connector. Max. Nitrogen capacity at 12 bar = 90 Nm³/h, 1500 NI/min. The control module can be fitted with pressure gauges with electrical contacts, pre-calibrated with a 15 bar alarm threshold to signal manifold empty. All the components are installed on an Anodized aluminum wall mount plate.

Normatives

UNI EN ISO 5171 | UNI EN ISO 7291 | UNI EN ISO 9539

Components

No.1 model 451 pressure regulator made of CW614N brass.

The pressure is regulated by adjusting a stainless steel pressure adjustment set screw.

No.1 overpressure discharge valve, integrated into the pressure regulator, made of CW614N brass.

No.1 gas specific inlet. No.1 Ø16 mm weld-on pipe connector on the outlet.

No.2 shut-off valves made of CW614N brass.

No.1 inlet 0-315 bar pressure gauge (0-40 bar for acetylene and propane), class 2.5.

N.1 outlet 0-16 bar pressure gauge (0-2.5 bar for acetylene and propane), class 2.5.

Stainless steel springs.

NBR membrane.

NBR O-ring.

Teflon seat.

Nylon gaskets.

Anodized aluminum mounting plate.

Maintenance kit

CODE	DESCRIPTION
CK040	MAINTENANCE EQ 451 PRESSURE REDUCER H.P.
CK041	MAINTENANCE EQ 451 PRESSURE REDUCER L.P.

Technical data

CODE	GAS	Q max.	P ₁ max.	P ₂ max.	INLET CONNECTION	OUTLET CONNECTION	WEIGHT
CQ094	OXYGEN, NITROGEN, ARGON, HELIUM, CARBON DIOXIDE, AIR	90 Nm³/h	200 bar	12 bar	W21,7x1/14" M R	Ø 16 mm weld-on pipe	7,0 kg
CQ108	HYDROGEN, METHANE	90 Nm³/h	200 bar	12 bar	W20x1/14" 'A' M L	Ø 16 mm weld-on pipe	7,0 kg
CQ109	ACETYLENE	18 Nm³/h	25 bar	1,2 bar	W20x1/14" 'A' M L	Ø 16 mm weld-on pipe	7,0 kg
CQ110	PROPANE	30 Nm³/h	15 bar	2 bar	W20x1/14" 'A' M L	Ø 16 mm weld-on pipe	7,0 kg

Technical Images

