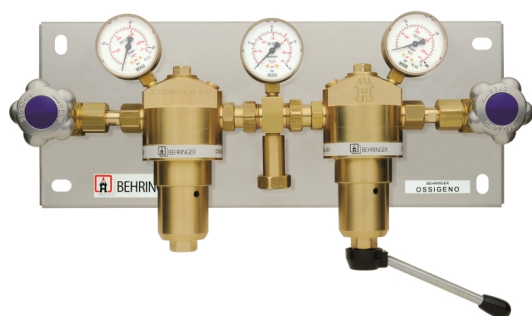


Marine and industrial plant engineering

SENIOR/4 semiautomatic control module

Product description



Control module for compressed gas, with automatic switching and manual reset using the lever on the right pressure regulator to restore priority of use of the source. The control module consists of two model 451 pressure regulators with one pressure gauge, two High Pressure shut-off valves and a line pressure gauge. The inlet connections are specific for the gas used, and the outlet is fitted with a Ø 22 mm weld-on pipe connector. The control module calibration is set to 9 bar. Its maximum nitrogen capacity at 12 bar outlet pressure is 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

- N.2 riduttori 451 con corpi e calotte in ottone CW614N.
- Regolazione della pressione con grano filettato in acciaio INOX.
- N.2 valvole di scarico della sovrappressione, incorporate nei riduttori, in ottone CW614.
- N.2 ingressi gas specifici.
- N.1 raccordo per tubo a saldare Ø22 mm in uscita.
- N.2 valvole di intercettazione di A.P. in ottone CW614N.
- N.2 manometri in entrata, scala 0-315 bar (0-40 bar per acetilene e propano), classe 2.5.
- N.1 manometro di linea, scala 0-16 bar (0-2,5 per acetilene e propano, 0-40 bar CQ117-CQ118), classe 2.5.
- Molle in acciaio INOX.
- Membrane in NBR.
- O-Ring in NBR.
- Seggio in TEFLON.
- Guarnizioni in NYLON.
- Leva di inversione in acciaio zincato con terminale in tecnopolimero nero.
- Piastra di fissaggio in alluminio anodizzato.

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
CQ096	OXYGEN, NITROGEN, ARGON, HELIUM, CARBON DIOXIDE, AIR	90 Nm ³ /h	200 bar	12 bar	W21,7x1/14" M R	Ø 22 mm weld-on pipe	11,0 kg
CQ116	HYDROGEN, METHANE	90 Nm ³ /h	200 bar	12 bar	W20x1/14" M L	Ø 22 mm weld-on pipe	11,0 kg
CQ117	ACETYLENE	18 Nm ³ /h	25 bar	1,2 bar	W20x1/14" M L	Ø 22 mm weld-on pipe	11,0 kg
CQ118	PROPANE	30 Nm ³ /h	15 bar	2 bar	W20x1/14" M L	Ø 22 mm weld-on pipe	11,0 kg
CQ126	OXYGEN, NITROGEN, ARGON, HELIUM, CARBON DIOXIDE, AIR	90 Nm ³ /h	200 bar	25 bar	W20x1/14" M R	Ø 22 mm weld-on pipe	11,0 kg

Technical Images

