

Marine and industrial plant engineering

JUNIOR/4 semiautomatic control module

Product description



Control module with automatic switching and manual reset using the lever on the primary pressure regulator to restore priority of use of the source. If one of the primary sources is discharged, the system is fed automatically from the other reserve source. The module includes two EURO single-pressure gauge pressure regulators and 2 High Pressure shut-off valves. Gas specific inlet connections. One outlet with Ø22 mm weld-on pipe connector. Max. Nitrogen capacity at 12 bar = 60 Nm³/h, 1000 NI/min. The two High Pressure gauges can be fitted with electrical contacts, and are pre-calibrated with a 15 bar alarm

threshold to be connected to an alarm control unit to signal manifold empty. For easy wall mounting, all components are installed on an anodized aluminum plate.

Normatives

UNI EN ISO 5171:2010 | UNI EN ISO 7291:2015 | UNI EN ISO 9539:2014 | UNI EN ISO 9001:2008

Components

No.2 EURO pressure regulators the bodies and caps of which are made of CW614N brass with stainless steel pressure adjustment set screw.

No.2 overpressure discharge valves, integrated into the pressure regulators, made of CW614N brass.

No.2 gas specific inlets.

No.1 Ø22 mm weld-on pipe connector on the outlet.

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

No.2 inlet 0-315 bar pressure gauges (0-40 bar for acetylene and propane), class 2.5.

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

Stainless steel springs.

NBR membrane.

NBR O-ring.

Teflon seat.

Nylon gaskets.

Galvanized steel reversing lever with black technopolymer tip.

Anodized aluminum mounting plate.

Product codes

GAS	CODE
OXYGEN, NITROGEN, ARGON, HELIUM, CARBON DIOXIDE, AIR	CQ078
HYDROGEN, METHANE	CQ082
ACETYLENE	CQ083
PROPANE	CQ084

Technical data

CODE	Q max.	P1 max.	P2 max.	INLET CONNECTION	OUTLET CONNECTION	WEIGHT
CQ078	60 Nm³/h	200 bar	12 bar	W21,7x1/14" M R	Ø 22 mm weld-on pipe	6,5 kg
CQ082	60 Nm³/h	200 bar	12 bar	W20x1/14" M L	Ø 22 mm weld-on pipe	6,5 kg
CQ083	12 Nm³/h	25 bar	1,2 bar	W20x1/14" M L	Ø 22 mm weld-on pipe	6,5 kg
CQ084	20 Nm³/h	15 bar	2 bar	W20x1/14" M L	Ø 22 mm weld-on pipe	6,5 kg

Technical Images

