

# Marine and industrial plant engineering



## JOKER module with pressure regulators

### Product description

The JOKER module with pressure regulators is used to distribute fuel gas (acetylene, methane or propane) and comburent gas (oxygen) to end utilities for welding, cutting or straightening.

The JOKER consists of two units: the gas unit and the oxygen unit. The fuel gas unit has a ball valve with a metal filter and a manifold with six outlets, each of which has a shutoff ball valve and a NESPLON/7 safety valve to prevent flashback and reverse gas flow. The oxygen unit also has a ball valve with a metal filter, a manifold with six supply points, the relevant shutoff valve, a

EURO/M pressure regulator used to regulate the line oxygen pressure for each single supply point, and a NESPLON/7 safety valve to prevent flashback and reverse gas flow. Thanks to its compact and lightweight design the JOKER can easily be transported and installed also on the bridges of ships or inside the hull. The hooks on the module can be used to hang it from a suitable supporting structure. The module can be supplied directly from fixed pipes or tank batteries. Several modules can be installed in a chain, and in these cases we recommend installing a NESPLON/24 safety valve between one JOKER module and the next. The JOKER is available in various color versions both for the comburent gas (blue or white) and the fuel gas (brown, red, yellow and orange). We recommend installing type EN 561 quick-fit connections and Excess flow valves at the outlet of the module; BH130 quick-fit connections are recommended at the inlet.

## Technical data

GAS	COLOR	CODE
ACETYLENE	BLUE - RED	QJBRVSRIDA
METHANE	BLUE - RED	QJBRVSRIDM
PROPANE	BLUE - RED	QJBRVSRIDP
ACETYLENE	WHITE - BROWN	QJWBVSRIDA
METHANE	WHITE - BROWN	QJWBVSRIDM
PROPANE	WHITE - BROWN	QJWBVSRIDP
ACETYLENE	WHITE - ORANGE	QJWOVSRIDA
METHANE	WHITE - ORANGE	QJWOVSRIDM
PROPANE	WHITE - ORANGE	QJWOVSRIDP
ACETYLENE	WHITE - YELLOW	QJWVYSRIDA

## Technical data

GAS	COLOR	CODE
METHANE	WHITE - YELLOW	QJWYVSRIDM
PROPANE	WHITE - YELLOW	QJWYVSRIDP

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