



BEHRINGER

Marine and industrial plant engineering



EURO/7 pressure regulator workstation

Product description

Workstation with one supply point used to reduce oxygen, fuel gas and inert gas line pressure. With a EURO pressure regulator (or manoflowmeter or flowmeter). G3/8" F R threaded ball valve on inlet. Ø 8 mm hose connector on outlet. If not included we recommend installing a Nesplon/7 flame arrestor and gas check valve downstream of the pressure regulator. Max. Nitrogen capacity at 12 bar 60 Nm³/h, 1000 NI/min.

Normatives

UNI EN ISO 2503:2015 | UNI EN ISO 5171:2010 | UNI EN ISO 9539:2014 | UNI EN ISO 9001:2008

Components

CW614N brass body and cap.

No.1 inlet G3/8" F R ball valve with colored lever (blue for comburent gases, red for fuel gases).

Ø 8 mm hose connector on outlet.

No.1 outlet pressure gauge (or manoflowmeter or flowmeter), with range according to model and Ø 63 mm, class 2.5.

Stainless steel springs.

Stainless steel containment structure.

Screen printed aluminum cover.

NBR membraneSilicone O-ring.

TEFLON seat, EPDM for C₂H₂.

Nylon gaskets.

Product codes

GAS	TYPE	CODE
OXYGEN	With safety valve	PL1050
ACETYLEN	With safety valve	PL1051
PROPANE - METHANE	With safety valve	PL1052
HYDROGEN	With safety valve	PL1053
OXYGEN	Without safety valve	PL1058
ARGON - CARBON DIOXIDE	Manoflowmeter	PL1057
ARGON - CARBON DIOXIDE	Flowmeter	PL1054

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Technical data

CODE	Q max.	P ₁ max.	P ₂ max.	INLET CONNECTION	OUTLET CONNECTION	PRESSURE GAUGE RANGE	TYPE	WEIGHT
PL1050	60 Nm ³ /h	30 bar	12 bar	G3/8" F R	Ø 8 mm hose connector	0-16 bar	With safety valve	2,1 kg
PL1051	24 Nm ³ /h	25 bar	1,2 bar	G3/8" F R	Ø 8 mm hose connector	0-2,5 bar	With safety valve	2,1 kg
PL1052	30 Nm ³ /h	30 bar (15 bar C ₃ H ₈)	4 bar	G3/8" F R	Ø 8 mm hose connector	0-6 bar	With safety valve	2,1 kg
PL1053	60 Nm ³ /h	30 bar	12 bar	G3/8" F R	Ø 8 mm hose connector	0-16 bar	With safety valve	2,1 kg
PL1058	24 Nm ³ /h	30 bar	12 bar	G3/8" F R	Ø 8 mm hose connector	0-16 bar	Without safety valve	2,1 kg
PL1057	30 l/min	30 bar	0-6 bar	G3/8" F R	Ø 8 mm hose connector	0-30 l/min for CO ₂ - 0-32 l/min for Ar	Manoflowmeter	2,1 kg
PL1054	30 l/min	30 bar	4 bar	G3/8" F R	Ø 8 mm hose connector	0-30 l/min for CO ₂ - 0-32 l/min for Ar	Flowmeter	2,1 kg

Technical Images

