

Pure gas devices



HF Single manifold

Product description

Manifold for use of pure gases, consisting of a dual HF-type pressure gauge made of chemically nickel-plated CW614N brass, one high pressure shut-off valve and a bleed valve. Inlet connection is threaded G1/4" M R, outlet connection is G1/4" F R. Its maximum capacity at 10 bar outlet pressure is 24 Nm³/h, 400 NI/min. On request the high pressure gauge can have electrical contacts to be connected to a central alarm unit to signal if the manifold is empty. For easy wall mounting, all components are installed on an anodized aluminum plate. A helium leak test at 10⁻⁴ mbar l/s can be carried out at the

customer's request.

Normatives

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

Components

One HF pressure regulator with chemically nickel-plated CW614N brass body with adjustable calibration and stainless steel diaphragm.

Adjustment knob and valve knob made of ABS.

One overpressure discharge valve, built into the pressure regulator, pre-calibrated and with drain channel, G1/4" M R.

One high pressure shut-off valve with stainless steel diaphragm.

One bleed valve with stainless steel diaphragm, G1/4" F R.

One high pressure gauge with range according to the gas used, class 2.5.

One low pressure gauge with range according to the gas used, class 2.5.

Two anti-siphoning valves on inlets of the high pressure shut-off valve.

Stainless steel springs.

Teflon sealing seat on regulator, nylon 6.6 valve seal seat.

NBR o-ring.

Anodized aluminum wall mount support.

Product codes

GAS	PRESSURE GAUGE RANGE	CODE
OXYGEN, COMPRESSED AIR, NITROGEN, ARGON, HELIUM, HYDROGEN, METHANE	0-315 bar / 0-16 bar	HQG002
ACETYLENE	0-40 bar / 0-2.5 bar	HQG002A
OXYGEN, COMPRESSED AIR, NITROGEN, ARGON, HELIUM, METHANE	0-315 bar / 0-16 bar, contact type	HQG002B
PROPANE	0-16 bar / 0-2.5 bar	HQG002P

Technical data

CODE	Q max.	P ₁ max.	P ₂ max.	RANGE PRESSURE GAUGE	WIDTH	HEIGHT	DEPTH	WEIGHT
HQG002	24 Nm ³ /h	200 bar - 50 bar N ₂ O, CO ₂	10 bar	0-315 bar / 0-16 bar	220 mm	200 mm	170 mm	2,5 kg
HQG002A	4 Nm ³ /h	25 bar	1.2 bar	0-40 bar / 0-2.5 bar	220 mm	200 mm	170 mm	2,5 kg
HQG002B	24 Nm ³ /h	200 bar	10 bar	0-315 bar / 0-16 bar, contact type	220 mm	200 mm	170 mm	2,5 kg
HQG002P	6 Nm ³ /h	15 bar	2 bar	0-16 bar / 0-2.5 bar	220 mm	200 mm	170 mm	2,5 kg

Technical Images

