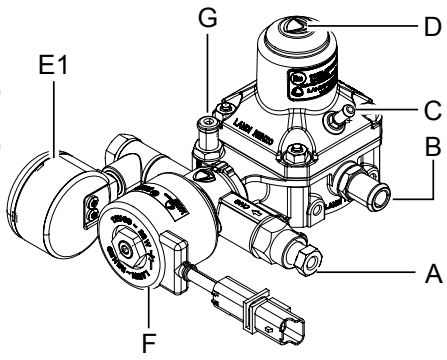
NG1

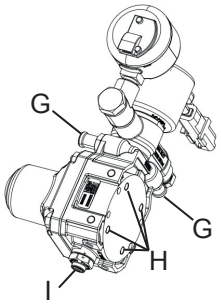
FEATURES

The NG1 is a single-stage compensated membrane reducer with a water/gas heat exchanger, filter, high pressure gas solenoid valve and safety valve. Calibrated for a delivery pressure of 2 bar (200 kPa) higher than the pressure present in the aspiration ducts.

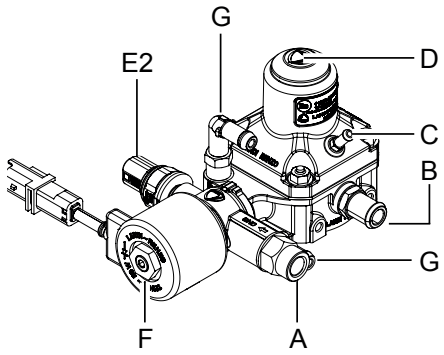
VERSIONS

NG1-2 with pressure gauge





NG1-2 with pressure sensor



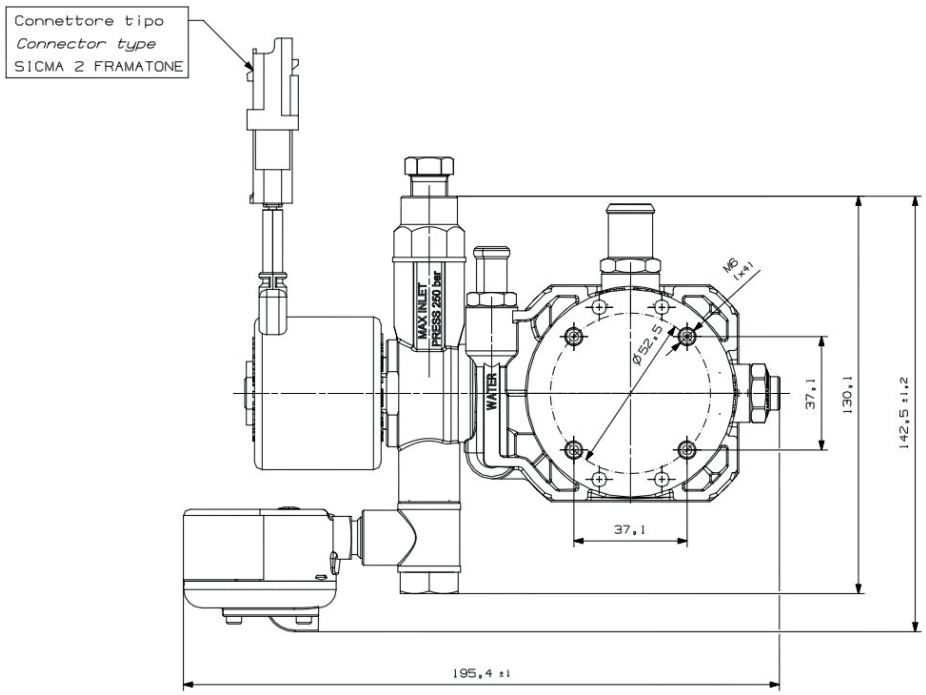
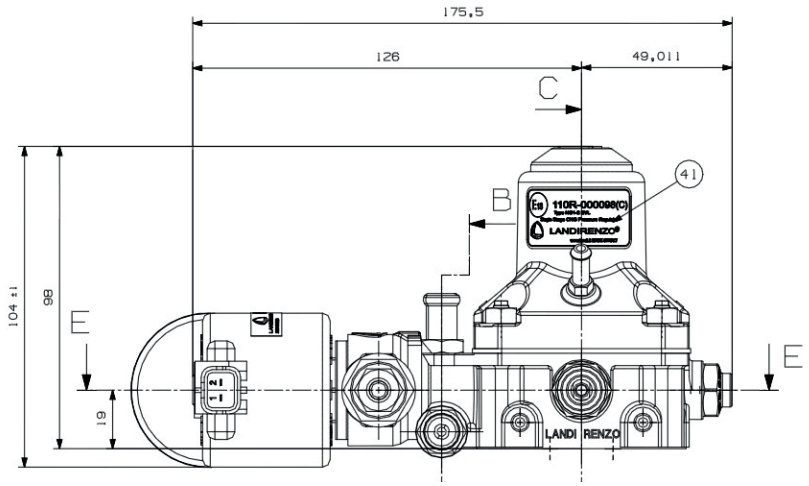
A.	Gas inlet connector	E2.	Pressure sensor with level indicator
B.	Gas outlet connector	F.	High Pressure Valve
C.	Depression / compensation fitting pressure manifolds	G.	Fittings reducer heating circuit
D.	Pressure Adjustment	H.	Fixing points pressure regulator
E1.	Manometer	I.	Safety valve

MAINTENANCE

Control of the pressure regulator pressure at 20.000 km
Control tightness of the gas line connectors and heating at 20.000 km
Revision of the pressure regulator (replacement of membranes and gaskets) at 80.000 km
Gas filter (high pressure) at 80.000 km

HOMOLOGATIONS

E13 110R-000098
E3 110R-006072
E3 10R-036366

TECHNICAL SPECIFICATIONS

VERSION	NG1
Type	single-stage membrane
Dimension	196x143x104 mm
Weight	1,7 kg
Operation Nominal flow	29kg/h CNG
Operating temperature	-40°C / 120°C
Safety valve calibration pressure	3,2/4 bar
Work pressure Relative	2 bar
EV electric coil Features	12 V - 20 W
Supply voltage	12 V (8 ÷ 16 V)
Gas inlet connector	Ø 6 mm
Gas outlet connector	Ø 14 mm
Heating liquid Fittings	Ø 10 mm
Connectors vacuum / pressure	Ø 5 mm