



NOVA SWISS

NOVA SWISS is a proud member of



UP TO 1'034 BAR – 15'000 PSI
PRESSURE REGULATOR




Pressure Regulator H₂

Nova Swiss pressure regulator, is a perfect fit for hydrogen applications. It is rated for inlet/outlet pressures up to 1'000 bar (15'000 psi).

The revolutionary air loader design allows the installation within very tight space. Thanks to the low air loader ratio a precise & sensible pressure control is achieved.

The pressure regulator can be fitted with electro-pneumatic controllers.

PRESSURE REGULATOR FEATURES

- Max. inlet/outlet pressure
15'000 psi (1'034 bar)
- Pressure regulation range
96.5 – 1034 bar (1'400-15'000 psi)
- Air loader ratio: 154:1,
air connection 1/4" NPT
- MAWP air loader 7.5 bar (110 psi)
- Connections for tubing Ø 3/8" MP CT
- In/out connection pattern 180°
- Kv/(Cv): 0.43 (0.5)
- Medium: H₂, N₂, Ar, He, inert gases
- HP connections with vent holes
- 1/4" vent port (Kv 0.05 / Cv 0.06)
- Compliant with PED 2014/68/EU
- ATEX compliant 
- Full traceability of pressure-retaining parts

MAWP 15'000 psi (1'034 bar)

MPCT			
Conn.	Nova Ref.	Diam.	Height
3/8"	DR-15-6M-LR-4	Ø 95 mm/0.37"	234 mm/9.2"

Options available at request

- Kv 0.862/1.0 Cv
- Other air loader ratios for lower pressure ranges
- Connections for tubing 9/16" MPCT