

Hy-Supply XP

connection kit FL1-FL2



Professional CE – PED certified pressure regulator for hydrogen fuel-cells



Made in Italy



COMPONENTS:

- Brass hydrogen CE and PED certified diaphragm pressure regulator
- 0-1.6bar analogic manometer
- **Stainless steel woven and PTFE high-pressure/temperature resistant hose (FL1)**
- **Stainless steel woven and ETFE+kevlar LOW PERMEATION high-pressure/temperature resistant hose (FL2)**
- Swagelok QC4 stem male quick connector (MyH2 compatible)
- Carbon steel nipples
- Silicon hose male connector (internal diam. 2-3mm)



Operating gas: Hydrogen

Material: Brass + stainless steel + carbon steel

Maximum input pressure: 20bar

Pressure limit: 30bar

Output pressure (adjustable): 0,2 – 1,5 bar

Hose recommended max flow: 7l/min. (FL1) , 100l/min. (FL2)

Maximum flow on P regulator: 600 l/min (10l/s)

Trimming and regulation: Screw on spring

Pressure regulator material: Brass

Inlet connection: 1/4" GAS

Outlet connection: 1/4" GAS

Operative T range: From -20°C to +50°C

Manometer range: 0 – 1.6 bar

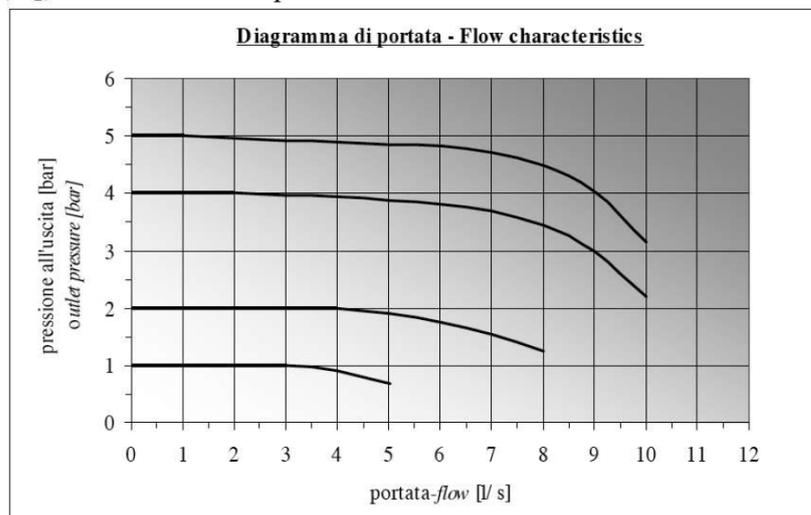
Filter (50um): Optional

Safety valve: Optional

ATEX electrovalve: Optional



Flow characteristics obtained by free exhaust test with Nitrogen (N₂) with 20 bar inlet pressure.



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