

Hydrogen Declaration



Declaration-no.: **20H2_11**
Revision: **A**

Subject: Pressure regulator APERFLUX 851 series up to DN 80 (NPS 3") with or without integrated safety device type SB/82 and integrated silencer DB/851

We Pietro Fiorentini S.p.A. with registered office in Arcugnano (Vi) (Italy) - via E. Fermi, 8/10, declare under our sole responsibility that **the devices in subject are suitable for operations when the Hydrogen content in Natural Gas is ≤ 20 Mol%.**

Operations conditions:

Maximum allowable working pressure [barg] [PSIG]	25 ⁽¹⁾	1.232 ⁽¹⁾
Allowable working temperature range [°C] [°F]	-10 to +60	14 to 140
Outlet pressure range [mbarg] [PSIG]	800 to 74.000	11,6 to 1.073

(1) Limited by flange connections

This declaration is based on the current state of the art and within the framework of sound engineering practice as well as on tests performed by Pietro Fiorentini on used materials, according to international standards available today. No liability can derive from that.

This declaration only applies to products that were produced after the creation date of this manufacturer's declaration.

The use of the product is subject to country specific regulations.

Arcugnano, 21/12/2021

Pietro Fiorentini S.p.A.

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