

Hydrogen Declaration



Declaration-no.: **20H2_14**

Revision: **A**

Subject: Control valve SYNCROFLUX series up to DN 250 (NPS 10")

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% (actuator is excluded).**

Operations conditions:

Maximum allowable working pressure [barg] [PSIG]	100 ⁽¹⁾	1.450 ⁽¹⁾
Allowable working temperature range [°C] [°F]	-20 to +60	14 to 140
Set pressure range [barg] [PSIG]	0,02 to 90	0,29 to 1.305

(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, 20/09/2023

Pietro Fiorentini S.p.A.

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