

Hydrogen Declaration



Declaration-no.: **20H2_09**

Revision: **A**

Subject: Slamshut valve DILOCK 507 & 512 series

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 BP model [bar] [PSIG]	10	145
Maximum allowable working pressure MP-TR models [bar] [PSIG]	20	290
Allowable working temperature range [°C] [°F]	-20 to +60	-4 to 140
Set pressure range for over-pressure monitoring [mbar] [PSIG]	30 to 5.500	0,4 to 80
Set pressure range for under-pressure monitoring [mbar] [PSIG]	6 to 3.500	0,1 to 51

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, 06/12/2021

Pietro Fiorentini S.p.A.

*Manuel Rigodanza
Technical & Quality Dept.*