

## EU DECLARATION OF CONFORMITY

**The manufacturer:** Sentera Europa NV  
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Declares under sole responsibility that:

**FIMX8 series** Filter monitoring device with internet gateway

When installed, maintained and used in applications for which they were designed, and in compliance with the relevant installation standards and manufacturer's instructions, comply with the provisions of the following relevant European Union harmonisation legislation, wherever applicable:

### **Electromagnetic Compatibility (EMC) Directive 2014/30/EU**

EN 61000-6-2:2005	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments Amendment AC:2005 to EN 61000-6-2
EN 61000-6-3:2007	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments Amendments A1:2011 and AC:2012 to EN 61000-6-3
EN 61326-1:2013	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements
EN 55011:2009	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement Amendment A1:2010 to EN 55011
EN 55024:2010	Information technology equipment - Immunity characteristics - Limits and methods of measurement

### **Low Voltage Directive 2014/35/EU**

EN 60529:1991	Degrees of protection provided by enclosures (IP Code) Amendments AC:1993 to EN 60529
EN 62311:2008	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)
EN 60950-1:2006	Information technology equipment - Safety - Part 1: General requirements Amendments AC:2011, A11:2009, A12:2011, A1:2010 and A2:2013 to EN 60950-1

### **Radio equipment Directive 2014/53/EU**

EN 300 328 V2.1.1	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
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### **RoHS Directive 2011/65/EU**

EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
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### **ETSI EN 301 489-1 V2.1.1 (2017-02) ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1:**

Common technical requirements; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU

### **ETSI EN 301 489-17 V3.1.1 (2017-02) ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17:**

Specific conditions for Broadband Data Transmission Systems; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU

The products are to be installed and maintained by skilled personnel only, according to the local regulations. This declaration is only valid when the devices are operated and installed according to the product's mounting instructions. The products, assembly or sub-assembly covered by this Declaration of Conformity must not be put into service until the machinery into which it is to be incorporated has been declared in conformity with the provisions of the applicable Directive(s). This statement is only necessary where the product is to be incorporated into a machine or system (e.g. safety component).

The CE mark is affixed.

Date of issue: February 22<sup>nd</sup>, 2023

Place of issue: Temse, Belgium

A handwritten signature in blue ink, consisting of several overlapping, fluid strokes.

Jos Raskin  
Chief Executive Officer