

EU Declaration of Conformity

As the manufacturer of the products described below and with the legal address:

n-fuse GmbH
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70174 Stuttgart
Germany



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Managing Director
Thomas Hoppe

Registration Court:
Stuttgart HRB 736379

VAT ID: DE275501773

we declare under our sole responsibility that the following labelled products the conformity of the following product(s):

Product Description: LoRaWAN® and NFC enabled IoT-Sensor Family
Product Type: sta-lr, stx-lr, ste-lr
Firmware: v1.0.0
Production Start Year: 2021
Serial Numbers: any

with regard to its design and construction and in the form we firstly introduced it to the market is in conformity with the essential health and safety requirements of the following EC directives:

RE Directive: **2014/53/EU**
EMC Directive: **2014/30/EU**
Low Voltage Directive: **2014/35/EU**
RoHS 2 Directive: **2011/65/EU**
WEEE Directive: **2011/19/EU**

Applied harmonized standards:

ETSI EN 301 489-1 v2.2.3 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 301 489-3 v2.1.1 Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU.

ETSI EN 300 220-2 v3.2.1 Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 2: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU for non specific radio equipment.

ETSI EN 300 330
v2.1.1

Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU.

IEC EN 62368-1
v3.0

Safety of electrical and electronic equipment within the field of audio, video, information and communication technology, and business and office machines with a rated voltage not exceeding 600 V; Part 1: Safety requirements; Harmonised Standard covering the essential requirements of article 6 of Directive 2014/35/EU.

Signed on behalf of **n-fuse GmbH**.
Place and date of signature: Stuttgart, January 20th, 2021.

Signature:

A handwritten signature in black ink, appearing to read 'Thomas Hoppe', written over a horizontal line.

Thomas Hoppe
Dipl.-Ing. (FH) Thomas Hoppe, M.Sc.
General Manager