

**Declaration of Conformity**

According to EU regulation EU 2019/1020 on market surveillance and product conformity

**Manufacturer:** EH4 GmbH (Brand Micropelt)

**Address:** Am Gansacker 10a, 79224 Umkirch, GERMANY

We declare the conformity of the following product:

**Product Description:** **Wireless heating radiator actuator/thermostat powered by thermal energy harvesting.**

LoRaWAN 868MHz

**Product Type(s):** MLR003 & MLR003F

**Production Year(s):** 2021 ff.

With regard to its design and construction and in the form, we first introduced it to the market it is in conformity with the essential health and safety requirements of the Radio Equipment Directive:

**Radio Equipment Directive (RED)**

ETSI EN 300 220-2 V3.2.1 (2018-06)

ETSI EN 300 220-2 V3.1.1 (2017-02)

**EMC**

ETSI EN 301 489-1 V2.2.3 clause 8 & 9 (add. V1.9.2)

ETSI EN 301 489-3 V2.1.1 (add. V1.6.1)

EN 55014-1:2017 (add. EN 55014-1:2006+A1:2009+A2:2011)

EN 55014-2:2015

**Human Exposure**

EN 62479: 2010

**Product Safety**

IEC 60335-1: 2010, COR1:2010, COR2:2011, AMD1:2013, COR1:2014, AMD2:2016, COR1:2016

EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 + A14:2019 + A1:2019 + A2:2019

**Battery Safety**

EN 62133-2:2017 (add. AMD1:2021)

Battery Transport UN38.3



Umkirch, as of November 2021

EH4 GmbH

Fritz Volkert, CEO **micropelt** Martin Schmidt, RND

EH4 GmbH  
Am Gansacker 10a  
79224 Umkirch  
www.micropelt.com