

# EU Declaration of Conformity



Document number: 836.1 / 08.24  
Manufacturer or representative: Siteco GmbH  
Address: Georg-Simon-Ohm-Straße 50  
83301 Traunreut Germany  
Brand name or trade mark: Siteco  
Product type: Electronic module for luminaires  
Product designation: Matrixsensor  
 See attached list

The designated product(s) is (are) in conformity with the relevant Union harmonisation legislation:

- 2014/53/EU** Directive of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the marking available on the market of radio equipment and repealing Directive 1999/5/EC
- (EU) 2024/1781** Regulation (EU) 2024/1781 of the European Parliament and the council of 13 June 2024 establishing a framework for setting of ecodesign requirements for sustainable products, amending Directive (EU) 2020/1828 and Regulation (EU) 2023/1542 and repealing Directive 2009/125/EC
- (EU)2019/2020** and amendments Commission Regulation (EU) 2019/2020 of 1 October 2019 laying down ecodesign requirements for light sources and separate control gears pursuant to Directive 2009/125/EC of the European Parliament and of the Council and repealing Commission Regulations (EC) No 244/2009, (EC) No 245/2009 and (EU) No 1194/2012 (Text with EEA relevance)
- 2011/65/EU** and amendments Directive of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment; Official Journal of the EU L174, 1/07/2011, p. 88-110

Last two digits of the year in which the CE marking was affixed: 24

Place and date of signatures: Traunreut, 19.08.2024

Signatures:

\_\_\_\_\_  
Head of Quality Management

\_\_\_\_\_  
Expert Product and Design Qualification

Names: Paul Pichlmaier

Dr. Gotthard Schleicher

This declaration of conformity is issued under the sole responsibility of the manufacturer or representative. It certifies compliance with the indicated Directives, but implies no warranty of properties.

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## Annex

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The conformity of the designated product(s) with the provisions of the European **Radio Equipment Directive** is given by the compliance with the following European Standard(s). If not elsewhere/otherwise indicated the edition/amendment as referenced below applies.

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- ETSI EN 300 220-1 V3.1.1** Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz; Part 1: Technical characteristics and methods of measurements
- ETSI EN 300 220-2 V3.1.0** Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz; Part 2: Harmonised Standard for access to radio spectrum for non specific radio equipment
- ETSI EN 300 328 V2.2.2** Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum
- ETSI EN 300 440-1 V1.6.1** Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short range devices - Radio equipment to be used in the 1 GHz to 40 GHz frequency range - Part 1: Technical characteristics and test methods
- ETSI EN 300 440-2 V1.4.1** Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive
- ETSI EN 301 893 V2.1.1** 5 GHz RLAN - Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
- ETSI EN 301 489-1 V2.2.3** Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
- ETSI EN 301 489-3 V2.3.2** 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 for Electromagnetic Compatibility
- ETSI EN 301 489-17 V3.2.4** Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems
- EN 62479: 2010** Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

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|-------------------------------------|---|--|
| <input checked="" type="checkbox"/> | <b>EN 60598-1:</b><br>2021  | Luminaires — Part 1: General requirements and tests  |
| <input type="checkbox"/>            | <b>EN 60598-2-1:</b><br>2021  | Luminaires — Part 2-1: Particular requirements — Fixed general purpose luminaires                                |
| <input checked="" type="checkbox"/> | <b>EN 60598-2-2:</b><br>2012  | Luminaires — Part 2-2: Particular requirements — Recessed luminaires   |
| <input type="checkbox"/>            | <b>EN 60598-2-3:</b><br>2003 + A1:2011  | Luminaires — Part 2-3: Particular requirements — Luminaires for road and street lighting                         |
| <input type="checkbox"/>            | <b>EN 60598-2-4:</b><br>2018  | Luminaires — Part 2-4: Particular requirements — Portable general purpose luminaires                             |
| <input type="checkbox"/>            | <b>EN 60598-2-5:</b><br>2015  | Luminaires — Part 2-5: Particular requirements — Floodlights   |
| <input type="checkbox"/>            | <b>EN 60598-2-8:</b><br>2013  | Luminaires — Part 2-8 : Particular requirements — Handlamps  |
| <input type="checkbox"/>            | <b>EN 60598-2-10:</b><br>2003   | Luminaires — Part 2-10: Particular requirements — Portable luminaires for children                               |
| <input type="checkbox"/>            | <b>EN 60598-2-13:</b><br>2012 +AL+A1+A2+A11   | Luminaires — Part 2-13: Particular requirements — Ground recessed luminaires                                     |
| <input type="checkbox"/>            | <b>EN 60598-2-20:</b><br>2015   | Luminaires — Part 2-20: Particular requirements — Lighting chains  |
| <input type="checkbox"/>            | <b>EN 60598-2-22:</b><br>2022   | Luminaires — Part 2-22: Particular requirements — Luminaires for emergency lighting                              |
| <input type="checkbox"/>            | <b>EN 62493:</b><br>2015 + A1:2022  | Assessment of lighting equipment related to human exposure to electromagnetic fields                             |
| <input type="checkbox"/>            | <b>IEC/TR 62778</b><br>2014   | Application of IEC 62471 for the assessment of blue light hazard to light sources and luminaires                 |
| <input checked="" type="checkbox"/> | <b>EN 61347-1:</b><br>2015  | Lamp controlgear — Part 1: General and safety requirements   |
| <input checked="" type="checkbox"/> | <b>EN 61347-2-11:</b><br><b>2001 + Corrigendum:2002</b><br><b>+ Corrigendum:2010</b>                      | Lamp controlgear — Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires |
| <input type="checkbox"/>            | <b>EN 60950-1: 2006 +</b><br><b>A11:2009 + A1:2010 +</b><br><b>A12:2011 + AC:2011 +</b><br><b>A2:2013</b> | Information technology equipment – Safety – Part 1: General requirements   |

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| <input checked="" type="checkbox"/> | <b>EN 55015:</b><br>2019 + A11:2020       | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment  |
| <input checked="" type="checkbox"/> | <b>EN 61000-3-2:</b><br>2019              | Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)  |
| <input checked="" type="checkbox"/> | <b>EN 61000-3-3:</b><br>2013 +A1+A2+A"/AC | Electromagnetic compatibility (EMC) — Part 3-3: Limits — Limitation of voltage changes, voltage fluctuations and flicker in public low voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subjected to conditional connection |
| <input checked="" type="checkbox"/> | <b>EN 61547:</b><br>2009                  | Equipment for general lighting purposes — EMC immunity requirements  |
| <input type="checkbox"/>            | <b>EN 50498:</b><br>2010                  | Electromagnetic compatibility (EMC) — Product family standard for aftermarket electronic equipment in vehicles   |
| <input type="checkbox"/>            | <b>EN 55022:</b><br>2010                  | Information technology equipment — Radio disturbance characteristics – Limits and methods of measurement   |
| <input type="checkbox"/>            | <b>EN 55024:</b><br>2010 + A1:2015        | Information technology equipment — Immunity characteristics — Limits and methods of measurement  |
| <input type="checkbox"/>            | <b>EN 55032:</b><br>2010                  | Electromagnetic compatibility of multimedia equipment — Emission Requirements  |

## **EU Declaration of Conformity Attached list**

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The conformity according to the above mentioned guidelines is valid for the products / components as well as the accessories, as included in the scope of delivery and described in the manual, including the current software / firmware. If other accessories or software / firmware not approved by the manufacturer is used, the conformity according to the mentioned guidelines cannot be guaranteed.

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