

# **Declaration Of Conformity**

T.R Ventures Ltd.
Unit 2, Southfield Industrial Estate
Praed Road
Trafford Park
MANCHESTER
M17 1SJ



T.R Ventures Ltd. declares under its sole responsibility that the product

#### EU Chips | 0/1-10V | Daylight | LED Sensor | Single Colour

#### **EUS01**

is in conformity with the provisions of the following statutory requirements, including all amendments, and with national legislation implementing these regulations:

- The Electromagnetic Compatibility Regulations 2016 UK SI 2016 No. 1091
- The Electrical Equipment (Safety) Regulations 2016 UK SI 2016 No. 1101

The Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment Regulations 2012 - UK SI 2012 No. 3032

## The following designated standards have been applied

The Electromagnetic Compatibility Regulations 2016 - EN 55032:2015+A11:2020+A1:2020: (Electromagnetic compatibility of multimedia equipment - Emission requirements (CISPR 32:2015 + CISPR 32:2015/A1:2019))

The Electromagnetic Compatibility Regulations 2016 - EN IEC 61000-3-2:2019+A1:2021+A2:2024: (Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤16 A per phase) (IEC 61000-3-2:2018 + IEC 61000-3-2:2018/A1:2020 + IEC 61000-3-2:2018/AMD2:2024))

The Electromagnetic Compatibility Regulations 2016 - EN 61000-3-3:2013+A1:2019+A2:2021+AC:2022: (Electromagnetic compatibility (EMC)-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 subject to conditional connection)

**The Electromagnetic Compatibility Regulations 2016** - EN 55035:2017+A11:2020: (Electromagnetic Compatibility of Multimedia equipment - Immunity Requirements)

The Electrical Equipment (Safety) Regulations 2016 - EN IEC 62368-1;2020+A11;2020:2020 (Audio/video, information and communication technology equipment - Part 1: Safety requirements)

The Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment Regulations 2012 - IEC 62321-4: 2013+A1:2017: (Determination of certain substances in electrotechnical products - Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS)

The Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment Regulations 2012 - IEC 62321-5:2013: (Determination of certain substances in electrotechnical products - Part 5: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS)

The Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment Regulations 2012 - IEC 62321-6:2015: (Determination of certain substances in electrotechnical products - Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatograhy -mass spectometry (GC-MS))

The Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment Regulations 2012 - IEC 62321-7-1:2015: (Determination of certain substances in electrotechnical products - Part 7-1: Hexavalent chromium - Presence of hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method)

The Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment Regulations 2012 - IEC 62321-7-2: 2017: (Determination of certain substances in electrotechnical products - Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method)

The Restriction Of The Use Of Certain Hazardous Substances In Electrical And Electronic Equipment Regulations 2012 - IEC 62321-8:2017: (Determination of certain substances in electrotechnical products - Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas chromatography-mass spectrometry using a pyrolyzer/thermal desorption accessory (Py-TD-GC-MS))

Authorised signatory:

Thomas Ralston (Managing Director)

Date: 2025-07-31

Given for and on behalf of T.R Ventures Limited but without personal liability.



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is in conformity with the provisions of the following statutory requirements, including all amendments, and with national legislation implementing these regulations:

- Electro Magnetic Compatibility Directive 2014/30/EU
- Low Voltage Directive 2014/35/EU
- Restriction of Hazardous Substances 2011/65/EU

# The following designated standards have been applied

**Electro Magnetic Compatibility Directive** - EN 55032:2015+A11:2020+A1:2020: (Electromagnetic compatibility of multimedia equipment - Emission requirements (CISPR 32:2015 + CISPR 32:2015/A1:2019))

Electro Magnetic Compatibility Directive - EN IEC 61000-3-2:2019+A1:2021+A2:2024: (Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤16 A per phase) (IEC 61000-3-2:2018 + IEC 61000-3-2:2018/A1:2020 + IEC 61000-3-2:2018/AMD2:2024))

**Electro Magnetic Compatibility Directive** - EN 61000-3-3:2013+A1:2019+A2:2021+AC:2022: (Electromagnetic compatibility (EMC)-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 subject to conditional connection)

**Electro Magnetic Compatibility Directive** - EN 55035:2017+A11:2020: (Electromagnetic Compatibility of Multimedia equipment - Immunity Requirements)

**Low Voltage Directive** - EN IEC 62368-1;2020+A11;2020:2020 (Audio/video, information and communication technology equipment - Part 1: Safety requirements)

**Restriction of Hazardous Substances** - IEC 62321-4: 2013+A1:2017: (Determination of certain substances in electrotechnical products - Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS)

**Restriction of Hazardous Substances** - IEC 62321-5:2013: (Determination of certain substances in electrotechnical products - Part 5: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS)

**Restriction of Hazardous Substances** - IEC 62321-6:2015: (Determination of certain substances in electrotechnical products - Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatograhy -mass spectometry (GC-MS))

**Restriction of Hazardous Substances** - IEC 62321-7-1:2015: (Determination of certain substances in electrotechnical products - Part 7-1: Hexavalent chromium - Presence of hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method)

**Restriction of Hazardous Substances** - IEC 62321-7-2: 2017: (Determination of certain substances in electrotechnical products - Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method)

**Restriction of Hazardous Substances** - IEC 62321-8:2017: (Determination of certain substances in electrotechnical products - Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas chromatography-mass spectrometry using a pyrolyzer/thermal desorption accessory (Py-TD-GC-MS))

Authorised signatory:

Thomas Ralston (Managing Director)

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