

EU-Type Examination Certificate

2051-RED-221503

In compliance with Radio Equipment Directive 2014/53/EU 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 making available on the market of radio equipment, this certificate applies to the product(s)

Motorbike dashboard

Model: RTADM001

Placed on the market under the name or trade mark of

M.A.E. Elettronica S.r.l.
Via Presolana, 31/33
24030 - Medolago (BG), Italy

This certificate attests that all provisions concerning the assessment and verification of performance described in the standard(s)

Art 3.1a:	EN IEC 62368-1:2020+A11:2020 EN IEC 62311:2020
Art 3.1b:	ETSI EN 301 489-1 V2.2.3:2019 ETSI EN 301 489-3 V2.2.0:2021
Art 3.2:	ETSI EN 300 330 V2.1.1:2017

as per Annex III (Module B) for the performance set out in this certificate, are applied.

Certificate issued April 19, 2022

This Certificate was first issued on April 19, 2022

This certificate consists of 3 pages
Certificate revision: 1.0

Nemko S.p.A.
Authorized signatory: Marco De Angelis

NB 2051

This certificate has been granted by Nemko Spa a Socio Unico, Via del Carroccio 4, 20853 Biassono (MB), Italy

This certificate remains valid for ten years from the issue date, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Nemko. Should the specified regulations or standards be amended, the products are to be re-approved prior to being placed on the market. Nemko S.p.A. is designated by the Italian Notifying Authority "Ministry of Economic Development".

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ANNEX 1 – PRODUCT SPECIFICATIONS

PRODUCT DESCRIPTION

Equipment identification: Motorbike dashboard

Model/type: RTADM001

Variants: -

Brand/trade name:



Supply voltage: 14.5 Vdc

Rated power/current: 8 A

TECHNICAL CHARACTERISTICS

Type of radio interface: RFID

Intended purpose: RFID interface for motorbike dashboard

Class of equipment: Class I, Sub-classes 41 e 42 (Inductive applications) of Commission Decision 2000/299/EC

Frequency range: 134 kHz (assigned band 119 ÷ 140 kHz)

Transmit power: < 42 dBμA/m @10 m (measured -8.3 dBμA/m @10 m)

Modulation type: FSK

Antenna type: Dedicated (loop antenna)

Maximum antenna gain: -

Firmware: Not applicable

MANUFACTURER

Name: M.A.E. Elettronica S.r.l.

Address: Via Presolana, 31/33 - 24030 - Medolago (BG), Italy

ADDITIONAL INFORMATION

None.

Nemko S.p.A.

Authorized signatory: Marco De Angelis

NB 2051

Nemko Italy

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ANNEX 2 - SCHEDULE OF APPROVAL

SCOPE OF EXAMINATION

- | | |
|--|----------|
| <input checked="" type="checkbox"/> Protection of Health and Safety, according to Article 3(1)(a). | COMPLIES |
| <input checked="" type="checkbox"/> Electromagnetic Compatibility (EMC), according to Article 3(1)(b). | COMPLIES |
| <input checked="" type="checkbox"/> Radio Spectrum Use, according to Article 3(2). | COMPLIES |
| <input type="checkbox"/> Special Radio Features, according to Article 3(3)(a)-(i). | N/A |

APPLICATIONS/LIMITATIONS

Nil.

MARKING OF PRODUCT

The Manufacturer and Type Designation shall be applied to the product in a visible location.
The equipment shall carry the CE marking of the European Union.

TYPE EXAMINATION DOCUMENTATION

Test report(s)

- Safety test report by Nemko SpA (id: 460958TRFSAF, dated: 2022-03-28)
- Health test report by Nemko SpA (id: 460958-1TRFEMF, dated: 2022-03-11)
- EMC test report by Nemko SpA (id: 460958-1TRFEMC, dated: 2022-03-11)
- Radio test report by Nemko SpA (id: 460958-1TRFWL, dated: 2022-03-11)

Additional documentation

- RED technical file by M.A.E. Elettronica S.r.l. (id: RTADM001-DEX-TechnicalFile-01-20220330, Rev. 1, dated 2022-03-30)

ADDITIONAL INFORMATION

None.

<< End of certificate >>

Nemko S.p.A.
Authorized signatory: Marco De Angelis

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