



# Evaluation report

Number **ER11593** revision 13  
Project number 3921011  
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|                      |  |
|----------------------|--|
| Issued by            | NMi Certin B.V.  |
| Relevant document(s) | Directive 2014/32/EU of the European parliament and of the council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of measuring instruments   |
| Manufacturer         | Euphoria Software BV<br>Wilhelminapark 36<br>5041 EC Tilburg<br>The Netherlands  |
| Measuring instrument | <b>Taximeter</b><br><br>Manufacturers mark or name : cabman®<br>Type : MDT   |
| Result               | <p>The technical design of the measuring instrument has been evaluated by carrying out examinations and tests in accordance with the above mentioned relevant document(s). As result it has been concluded that the measuring instrument meets the essential requirements of Directive 2014/32/EU. The examination has resulted in EU-type examination certificate number T11593 revision 13.</p> <p>The executed evaluations, legislative documents and reports used during the examination are described on the following pages.</p> |
| Remark               | This revision replaces the earlier versions.   |
| Issue Date           | 28 July 2025   |

## Manager Type Approval

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## 1 Examinations according to the Directive

Furthermore, the activities listed in point 4 of Annex II, module B of Directive 2014/32/EU are executed with the results as stated in the table below.

| Point | Activity  | Performed and Passed<br>[Yes/No/N.A.] |
|-------|---|---------------------------------------|
| 4.1   | Examine the technical documentation   | Yes                                   |
|       | Verify that specimens have been manufactured in conformity with the technical documentation   | Yes                                   |
|       | Identify elements designed in accordance with the relevant provisions of the relevant documents   | Yes                                   |
|       | Identify elements which have been designed without applying the relevant provisions of the relevant documents   | N.A.                                  |
| 4.2   | Carry out the appropriate examinations and tests, or have them carried out, to check whether, where the manufacturer has chosen to apply the solutions in the relevant documents, these have been applied correctly   | Yes                                   |
|       | Applied harmonised standard / normative document  | See above                             |
| 4.3   | Carry out the appropriate examinations and tests, or have them carried out, to check whether, where the manufacturer has chosen not to apply the solutions in the relevant documents, the solutions adopted by the manufacturer meet the corresponding essential requirements of this Directive | N.A.                                  |
| 4.4   | Agree with the applicant on the location where the examinations and tests are carried out   | Yes                                   |
| 4.5   | Examine the technical documentation and supporting evidence to assess the adequacy of the technical design of the other parts of the measuring instrument   | Yes                                   |
| 4.6   | Examine the technical documentation to assure that the manufacturer has adequate means to ensure consistent production  | Yes                                   |

## 2 Harmonised standards, normative and guidance documents

The taximeter is examined in accordance with the relevant document listed in this Evaluation Report, page 1.

The following documents are applied:

- OIML R 21 (2007) "Taximeters";
- WELMEC CT-007, 2019 "Taximeters Corresponding Tables";
- WELMEC 12.1, 2020 "Taximeters Common Application";
- WELMEC 7.2, 2023 "Software Guide".

## 3 Report(s)

The conformity was established by the results of tests and examinations provided in the reports as indicated in the cross reference and revision history of this document.

| Item                | Type | Report                                      | Remarks                                |
|---------------------|------|---|--|
| Complete evaluation | MDT  | NMi-2224566-01                              | -                                      |
| Software            | MDT  | NMi-2539358-03<br>NMi-3700106-03 revision 1 | WELMEC 7.2, 2022 including extension O |

A report can be a test report, an evaluation report, a type evaluation report and/or a pattern evaluation report.

## 4 Additional Evaluations

This Evaluation Report is supplemented by the following additional evaluations:

| Item   | Type | Document  | Remarks   |
|--|------|---|---|
| Functionality, alternative components and 5" display | MDT  | NMi-2539358-01<br>NMi-2539358-04<br>NMi-3581614-02<br>NMi-3700106-02<br>NMi-3740708-01                | EMI examination and evaluation of software changes                |
| Cold test  |      | NMi-3731178-02  | Temperature range extension                                       |
| Software   |      | Examination 2025-07-16<br>EUP-MDT-2-14-100.2-MDT-Release-notes-1.4.3.pdf<br>NMi-3700106-03 revision 1 | Tariff handler source code examination<br>Extension O examination |

## 5 Corresponding table

Requirements of the Directive not covered by the applied normative document, as indicated in the applied corresponding table, are covered by the following:

| Requirements<br>2014/32/EU   | Report   | Remarks   |
|--|--|---|
| Annex I, 1.3.3 (a)<br>Electromagnetic<br>environment class E2      | NMi-2224566-01<br>NMi-2539358-01<br>NMi-3581614-02<br>NMi-3700106-02<br>NMi-3740708-01 | Starting Profile, Level III, according to ISO 16750-2:2012(E) is used to replace R21 A.5.4.7, test pulse 4<br><br>Load dump, Test B, according to ISO 16750-2:2012(E) is used with extreme values from table 6<br><br>Test Pulse 1, 2a, 2b, 3a and 3b / Test pulse 2a, 3a and 3b have been tested at level IV of ISO 7637-2:2011 (*test pulse 1 and 2b are not relevant if the taximeter is connected directly to the vehicle battery)<br><br>For RF EM fields and conducted RF EM Fields a field strength of 24 V/m and a frequency range up to 6 GHz is used. |
| Annex I, 7.6<br>Test procedure in the<br>operation manual          | -  | A test procedure for control of the measuring tasks is described in the operating manual  |
| Annex I, 9.3<br>Information on<br>operation                        | -  | Necessary information on its operation can be found conditions  |
| Annex IX, 8.2<br>MPE   | NMi-2224566-01<br>NMi-2539358-01<br>NMi-3581614-02<br>NMi-3700106-02<br>NMi-3740708-01 | Significant faults do not occur   |
| Annex IX, 14.2<br>Securing settings                                | NMi-2224566-01   | Separate securing of settings is possible   |
| Annex IX, 19<br>Fraudulent<br>alterations of<br>measurement signal | NMi-2539358-04   | The taximeter checks the plausibility of the measurement signal.  |

## 6 Revision History

| Project | Rev | Report/ document  | Description / Remarks  |
|---------|-----|---|--|
| 2224566 | 0   | NMi-2224566-01<br>T11593-1  | Initial issue  |
| 2539358 | 1   | NMi-2539358-01<br>NMi-2539358-03<br>NMi-2539358-04<br>T11593-2  | Software changes and alternative components  |
| 3581614 | 2   | NMi-3581614-02  | Printer Wepoy and CAN bus interface Beijer BCI-2                                       |
| 3700106 | 3   | NMi-3700106-02<br>NMi-3700106-03<br>T11593-3  | Software changes and alternative components  |
| 3740708 | 4   | NMi-3740708-01<br>T11593-4  | 5 inch display   |
| 3789727 | 5   | -   | Software bug-fixing  |
| 3789727 | 6   | -   | Software bug-fixing & distance pulse counting mode for verification after installation |
| 3789727 | 7   | -   | Software bug-fix   |
| 3789727 | 8   | -   | Not legally relevant software changes  |
| 3789727 | 9   | -   | Not legally relevant software changes  |
| 3921011 | 10  | -   | Not legally relevant software changes  |
| 3921011 | 11  | NMi-3731178-02  | Not legally relevant software changes, temperature range to -25 °C                     |
| 3921011 | 12  | -   | Software bug-fixing  |
| 3921011 | 13  | Examination 2025-07-16<br>EUP-MDT-2-14-100.2-MDT-<br>Release-notes-1.4.3.pdf<br>NMi-3700106-03 revision 1 | Software change tariff handler<br><br>Examination WELMEC 7.2 Extension O               |