



ETA Automatizari Industriale SRL
1, Gheorghe Dima, 300079, Timisoara, Romania
VAT: RO6825562, Registration: J35/3680/1994
Phone: +40256 294608
www.safefleet.eu

Declarație certificat de conformitate a produselor

Societatea ETA Automatizari Industriale SRL, prin administratorul legal al societății, domnul Claudiu Mircea SUMA, declară următoarele:

- ✓ certificatele de conformitate a produselor se regasesc in prezentul document

Timisoara, 2 Iulie 2019

Claudiu Mircea SUMA
Administrator - ETA Automatizari Industriale SRL

EC Declaration of Conformity

Declaring Organization: UAB TELTONIKA

Saltoniskiu st. 9b-1
LT-08105, Vilnius, Lithuania
Tel: +370 5 212 74 72
Email: info@teltonika.lt
www.teltonika.eu

Product Name: Fleet Management System

Product Model Name: FMB110, FMB120, FMB122, FMB125

Product Description: GNSS/GSM/BLUETOOTH tracker

Technical description of built in RF module:

Frequency range:

	Tx:	Rx:
GSM900:	880MHz - 915MHz	925MHz - 960MHz
GSM1800:	1710MHz - 1785MHz	1805MHz - 1880MHz
GPS	/	1575,42 MHz
GLONASS	/	1602,56MHz - 1615,50MHz
BT	2400 – 2483,5MHz	2400 – 2483,5 MHz

Transmitted Power: **GSM900:** 32,84 dBm + 0,61dBi
GSM1800: 29,75 dBm + 0,42dBi
BT: 4,65 dBm + 1,69dBi

Hardware Version: TM2500_01


Software Version: TM25_D_00.00.01.00

We, UAB TELTONIKA, declare under our sole responsibility that the above described product is in conformity with the relevant Community harmonization: European Directive 2014/53/EU (RED).

The conformity with the essential requirements has been demonstrated against the following harmonized standards:

Harmonized Standard reference	Article of Directive 2014/53/EU	Test report No.
EN 60950-1:2006 + A1:2010 + A2:2013 + A11:2009 + A12:2011	Health and safety - Article 3.1(a)	T223-0496/17 T223-0477/18
EN 62311:2008		RXA1706-0196EMF T251-0497/18
Draft EN 303 446-1 V1.1.0	Electromagnetic compatibility - Article 3.1(b)	T251-0829/17 T251-0586/18
EN 301 511 V9.0.2 EN 300 328 V2.1.1 EN 303 413 V1.1.1	Efficient use of radio spectrum - Article 3.2	RXA1706-0196RF03 RXA1706-0196RF01 RXA1706-0196RF02R1

The conformity assessment procedure referred to in Article 17 and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body: SIQ Ljubljana, Mašera-Spasičeva ulica 10, SI-1000 Ljubljana, Slovenia. Notified Body No: 1304.

Thus,  is placed on the product.

Vilnius, 2018-11-13


Chief of Technical Support Department
Karolina Juciute




Project Manager
Jurij Lepechin

EU-Type Examination Certificate No. 1304-RED-0049 A1 Technical Documentation: FMB1YX User Manual v0.16



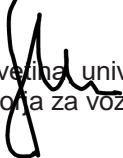
**SPOROČILO O PODELJENI HOMOLOGACIJI
COMMUNICATION CONCERNING APPROVAL GRANTED**

za tip elektronskega podslopa skladno s Pravilnikom št. 10 R, Amandma 05, Dodatek 01
of a type of electronic sub-assembly with regard to Regulation No. 10 R, Amendment 05, Supplement 01

Homologacijska št.: **E26 10 R 05 1288**
Approval No.:

Razširitev št.: **00**
Extension No.:

- | | |
|---|---|
| 1. Znamka (blagovna znamka proizvajalca):
<i>Make (trade name of manufacturer):</i> | TELTONIKA |
| 2. Tip in splošna(e) trgovska(e) oznaka(e):
<i>Type and general commercial description(s):</i> | FMB110, GNSS/GSM/BLE Terminal
<i>FMB110, GNSS/GSM/BLE Terminal</i> |
| 3. Način identifikacije tipa, če je oznaka na sestavnem delu:
<i>Means of identification of type, if marked on the component:</i> | oznaka tipa ali variante
<i>type or variant marking</i> |
| 3.1 Mesto te oznake:
<i>Location of that marking:</i> | nalepka, na zgornji strani ohišja
<i>label, on the top of housing</i> |
| 4. Kategorija vozila:
<i>Category of vehicle:</i> | ni navedeno
<i>no specification</i> |
| 5. Ime in naslov proizvajalca:
<i>Name and address of manufacturer:</i> | TELTONIKA
SALTONISKIU ST. 9b
LT-08105 VILNIUS
Lithuania |
| 6. Za sestavne dele in samostojne tehnične enote mesto in način namestitve oznake ECE homologacije:
<i>In the case of components and separate technical units, location and method of affixing of the ECE approval mark:</i> | nalepka, na hrbtni/bočni/zgornji strani ohišja
<i>label, on the back/sode/top of housing</i> |
| 7. Naslov(i) proizvodne(ih) tovarne(e):
<i>Address(es) of assembly plant(s):</i> | LIEPKALNIO ST. 132A
LT-02121 VILNIUS
Lithuania |

8. Dodatni podatki (po potrebi):
Additional information (where applicable): Glej dodatek
See appendix
9. Tehnična služba pristojna za homologacijske
preskuse:
*Technical Service responsible for carrying out
the tests:* SIQ Ljubljana
TRŽAŠKA CESTA 2
1000 LJUBLJANA
Slovenia
10. Datum poročila o preskusu:
Date of test report: 06.08.2018
11. Številka poročila o preskusu:
Number of test report: T251-0566/18
12. Opombe (če so):
Remarks (if any): Glej dodatek
See appendix
13. Kraj:
Place: 1000 LJUBLJANA
14. Datum:
Date: 02.11.2018
15. Podpis:
Signature: mag. Tomaž Svetina univ.dipl.inž.
vodja sektorja za vozila

16. Temu sporočilu je priložen seznam dokumentov, ki so deponirani pri homologacijskem organu, ki je odobril to homologacijo in jih je na zahtevo mogoče dobiti:
glej kazalo opisne dokumentacije št. E1288 Rev.00
The list of documents deposited with the Administrative Service which has granted approval is annexed to this communication and may be obtained on request:
see index to information package No E1288 Rev.00
17. Razlogi za razširitev: /
Reasons for extension:

Dodatek k sporočilu o homologaciji št.: E26 10 R 05 1288*00
glede homologacije električnega/elektronskega podslopa po Pravilniku ECE 10 R.
*Appendix to type-approval communication form No.: E26 10 R 05 1288*00*
concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10 R.

1. Dodatne informacije
Additional information
- 1.1 Nazivna napetost električnega sistema : 6-30 V DC
Electrical system rated voltage:
- Ozemljitveni priključek pozitiven/negativen: negativni
Ground positive/negative: *negative ground*
- 1.2 Ta EPS se lahko uporablja na katerem koli tipu vozila, ob upoštevanju naslednjih omejitev: ni omejitev
This ESA can be used on any vehicle type with the following restrictions: *no restrictions*
- 1.2.1 Pogoji za vgradnjo, če so: glej proizvajalčeva navodila za uporabo
Installation conditions, If any: *see manufacturer's instruction manual*
- 1.3 Ta EPS se lahko uporablja samo na naslednjih tipih vozil: ni omejitev
This ESA can be used only on the following vehicle types: *no restrictions*
- 1.3.1 Pogoji za vgradnjo, če so: /
Installation conditions, If any:
- 1.4 Uporabljene posebne preskusne metode in frekvenčna območja pri določanju odpornosti (Navedi točno metodo po Prilogi 9): glej točko 4 poročila o preskusu T251-0566/18
The specific test method(s) used and frequency ranges covered to determine immunity were: (Please specify precise method used from Annex 9): *see point 4 of the test report T251-0566/18*
- 1.5 Laboratorij, akreditiran po ISO 17025 in priglašen pri homologacijskem organu, pristojen za izvajanje preskusov: SIQ Ljubljana
Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the test: Mašera-Spasicева ulica 10
1000 Ljubljana
Slovenia
2. Opombe: /
Remarks:

Ta homologacija se uporablja za tip serijsko izdelanih električnih/elektronskih podsklopov (EPS) pod naslednjimi pogoji:

Posamezni proizvodi iz serijske proizvodnje morajo ustrezati najmanj vsem zahtevam Pravilnika št. 10 R, Amandma 05, Dodatek 01, " Enotne določbe za homologacijo vozil glede na elektromagnetno združljivost".

Priloženo poročilo o preskusu in risbe so sestavni del te homologacije.

Vsak proizvod mora biti čitljivo in trajno označen s:

- homologacijsko oznako.

Temu tipu proizvoda se dodeli naslednja homologacijska oznaka:



Homologacijska oznaka na proizvodu mora po izvedbi in velikosti ustrezati zahtevam Pravilnika št. 10 R.05.

S tem homologacijskim znakom so lahko označeni samo tisti proizvodi, ki v celoti ustrezajo homologacijski dokumentaciji.

Homologacijska oznaka na proizvodu mora biti nameščena na mestu, ki je označeno v homologacijski dokumentaciji. Za oznake na električnih/elektronskih podsklopih, skladne z odstavki zgoraj, ni potrebno, da so vidne po vgradnji električnega/elektronskega podsklopa v vozilo.

Pri električnih/elektronskih sistemih, vgrajenih v vozila, ki so homologirana kot enote, oznaka ni potrebna.

Proizvod je lahko označen tudi s tujo homologacijsko ali drugo oznako, če s tem ni motena razpoznavnost in čitljivost homologacijske oznake, ki jo je dodelil slovenski homologacijski organ.

Na proizvodu ne sme biti oznak, ki bi lahko privedle do zamenjave z uradno dodeljeno oznako.

Kakršnekoli spremembe na proizvodu so dovoljene samo na podlagi posebnega dovoljenja homologacijskega organa.

Veljavnost homologacije preneha z vrnitvijo ali z odvzemom. Homologacija se odvzame, če pogoji za podelitev in obstoj homologacije ne obstajajo več, če lastnik homologacije krši obveznosti, povezane s homologacijo, oziroma če se ugotovi, da homologirani proizvod ne ustreza več veljavnim predpisom.

Proizvajalec je dolžan stalno kontrolirati kakovost homologiranega proizvoda in njegovo skladnost s homologacijsko dokumentacijo. O tej kontroli je dolžan voditi evidenco in omogočiti vpogled v zapise nadzornemu organu, ki ga določi homologacijski organ. V primeru ugotovitve neskladnosti s homologacijsko dokumentacijo je proizvajalec dolžan o tem takoj obvestiti homologacijski organ.

Homologacijski organ lahko kadarkoli preverja pravilno izvajanje pooblastil, dodeljenih s to homologacijo, in v ta namen tudi izbira vzorce za ponovni preskus. Stroške takšnih pregledov in presojo skladnosti proizvodnje, se zaračunajo proizvajalcu.

Vsako spremembo oznake proizvajalca, naslova ali proizvodne tovarne oziroma pri homologaciji imenovane pooblaščen osebe je treba takoj sporočiti homologacijskemu organu.

Pravice, podeljene s to homologacijo, so neprenosljive. Pravice tretjih s to homologacijo niso prizadete.

V primerih, da se proizvodnja ali prodaja proizvoda ne začne v roku enega leta od podelitve homologacije, da se proizvodnja ali prodaja prekine za več kot eno leto oziroma, da se predvideva taka prekinitve, je o tem treba takoj obvestiti homologacijski organ.

O začetku proizvodnje ali začetku prodaje oziroma njihovem ponovnem začetku je treba obvestiti homologacijski organ najkasneje v enem mesecu.

Neupoštevanje zgoraj navedenih določil lahko povzroči odvzem homologacije in se kazensko preganja.

Pravno razlago v zvezi s to homologacijo lahko daje samo homologacijski organ.

02.11.2018


mag. Tomaž Svetina, univ.dipl.inž.
vodja sektorja za vozila

This Approval shall apply to a type of electrical/electronic sub assemblies (ESA) from serial production under the following conditions:

Individual products from serial production shall comply at least with all requirements set out in the Regulation No. 10 R, Amendment 05, Supplement 01 "Uniform provisions concerning the approval of vehicles with regard to electromagnetic compatibility".

The attached test report and drawings shall be a constituent part of this Approval.

Every product shall be marked with a readable and durable:

- approval marking.

This type of product shall be allotted the following approval marking:



The design and size of the approval marking shall meet the requirements of the Regulation No. 10 R.

Only products which fully comply with the approval documentation may bear the allotted approval mark.

The approval marking on the product must be attached at the place indicated in the approval documentation. Markings on ESAs in conformity with paragraphs above need not be visible when the ESA is installed in the vehicle.

No marking is required for electrical/electronic systems built into vehicles which are approved as units.

The product may also be marked with a foreign approval or other marking, provided that the identifiability and readability of the approval marking granted by the Slovenian Type Approval Authority is not affected.

The product shall not bear any markings that may lead to confusion with the officially allotted marking.

Changes of any kind performed on the product shall be subject to special permission by the Slovenian Type Approval Authority.

The Approval will become ineffective when returned or withdrawn. The Approval shall be withdrawn: should the conditions for its granting and existence no longer exist, should the owner of the Approval break his obligations related to the Approval, or when it has been established that the approved product no longer complies with the applicable regulations.

The manufacturer shall regularly inspect the quality of the approved product as well as its conformity with the approval documentation. He shall keep record of this inspection and allow to the surveillance body appointed by the Slovenian Type Approval Authority access to the records. Should any non-conformities be found with respect to the approval documentation, the manufacturer shall immediately inform thereof the Slovenian Type Approval Authority.

Any time, the Slovenian Type Approval Authority may check the correct implementation of the authorizations appointed through this Approval, and for this purpose also select samples for a repeated test. The costs of such checks and conformity of production assessments are charged to the manufacturer.

Any changes regarding the manufacturer's marking, the address or the production plant, or the authorized person appointed through this Approval, shall be forthwith notified to the Slovenian Type Approval Authority.

The rights granted through this Approval shall be untransferrable. The rights of third persons shall not be affected through this Approval.


In the case where the production or sale of the product does not start within one year after the granting of the Approval, or the production or sale is interrupted for a period longer than one year, or such interruption is foreseen, the Slovenian Type Approval Authority shall be immediately notified.

The Slovenian Type Approval Authority shall be notified of the start of production or start of sale, or its restart, within a month's time at the latest.

Non-compliance with above stated provisions may result in withdrawal of the Approval and will be prosecuted.

Legal explanations in relation with this Approval may only be given by the Slovenian Type Approval Authority.

02.11.2018


Tomaž Svetina, M.Sc.Eng.
Head of Vehicle department