



NSAI

ECE TYPE-APPROVAL CERTIFICATE



Communication Concerning: Approval granted
~~Approval extended~~
~~Approval refused~~
~~Approval withdrawn~~
~~Production definitively discontinued~~

Of a type of electrical/electronic sub-assembly with regard to Regulation No.10.

Approval No: **E24*10R05/01*3189*00**

Reason for extension:

-N/A

1. Make (trade name of manufacturer):



2. Type and general commercial description:

THS Sensor and Gateway
Tire Pressure Monitor System (TPMS) and Gateway

3. Means of identification of type, if marked on the component:

THS system composed by: Neuron THS Gateway; Neuron THS ADR Ambient Sensor; Neuron THS ADR Sensors

3.1 Location of that marking:

On the EUT

4. Category of vehicle:

N/A

5. Name and address of manufacturer:

EL-Watch AS,
Rindalsvegen 6,
Rindal, 6657
Norway

6. In the case of components and separate technical units, location and method of affixing of the ECE approval mark:

Printed on EUT

7. Address(es) of assembly plant(s):

SIMPRO AS
Industriveien 4,
73332 Loekken Verk,
Norway



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8. Additional information (where applicable):

See appendix

9. Technical service responsible for carrying out the tests:

*Nemko Spa
Via del Carroccio, 4
20853 Biassono (MB)
Italy*

10. Date of test report:

09.04.2020

11. Number of test report:

396442TRFEMC

12. Remarks (if any):

See Appendix

13. Place:

Dublin

14. Date:

14th May, 2020

15. Signature:



16. The index to the information package lodged with the approval authority, which may be obtained on request is attached.



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Appendix

To type-approval communication concerning the type approval of an electrical/electronic sub-assembly under Regulation No.10.

1. Additional information
 - 1.1. Electrical system rated voltage: *9-30V, negative ground*
 - 1.2. This ESA can be used on any vehicle type with the following restrictions: *See manufacturer's specifications.*
 - 1.2.1 Installation conditions, if any: *See manufacturer's specifications.*
 - 1.3. This ESA can only be used on the following vehicle types: *N/A*
 - 1.3.1 Installation conditions, if any: *N/A*
 - 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were: ***Bulk Current Injection Method:**
Frequency: (20 - 200MHz)
Absorber-Lined Shielded Enclosure:
Frequency: (200 – 2000MHz)*
 - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: *Nemko Spa*
2. Remarks: *N/A*

Appendix to type-approval communication concerning the type approval of a vehicle under Regulation No.10.

1. Additional information
2. Special devices for the purpose of Annex 4 to this Regulation: *N/A*
3. Electrical system rated voltage: *N/A*
4. Type of bodywork: *N/A*
5. List of electronic systems installed in the tested vehicle(s) not limited to the items in the information document: *N/A*
 - 5.1 Vehicle equipped with 24 GHz short-range radar equipment (yes/no): *N/A*
6. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: *N/A*
7. Remarks: *N/A*