

[1]

EU-TYPE EXAMINATION CERTIFICATE



[2]

Equipment intended for use in potentially explosive atmospheres
Directive 2014/34/EU – Annex III

[3]

Certificate Number: **EPT 20 ATEX 4088** issue 0

[4]

Equipment: **LTE Cat M1 / NB1 and GSM / GPRS global position system tracker**
Crossmodal 3.0 EX / AX.3A

[5]

Manufacturer: **NEXXIOT AG**

[6]

Address: **Prime Tower, Hardstrasse 201 - 8005 Zürich, SWITZERLAND**

[7]

This equipment and its accepted variations are specified in the annex to this Certificate.

[8]

Eurofins Product Testing Italy S.r.l., Notified Body n. 0477 in accordance with Article 21 of the Directive 2014/34/EU of the European Parliament and of the Council of 26th February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II of the Directive. The examination and test results are recorded in the confidential Report N°EPT.20.REL.01/2013001

[9]

Compliance with the essential health and safety requirements is assured through the verification of them and by compliance with the following harmonized standards:

EN IEC 60079-0:2018, EN 60079-11:2012

[10]

If the sign "X" is placed after the Certificate number, it indicates that the equipment is subject to the special conditions for safe use specified in the annex to this Certificate.

[11]

This EU -TYPE EXAMINATION CERTIFICATE relates only to the design, the exam and the tests of the specified equipment.
Further requirements of the Directive 2014/34/EU apply to the manufacture and supply of this equipment. These requirements are not object of this Certificate.

[12]

The equipment shall include the sign  and the following strings:

II 2 GD

Ex ib IIC T4 Gb

Ex ib IIIC T135°C Db

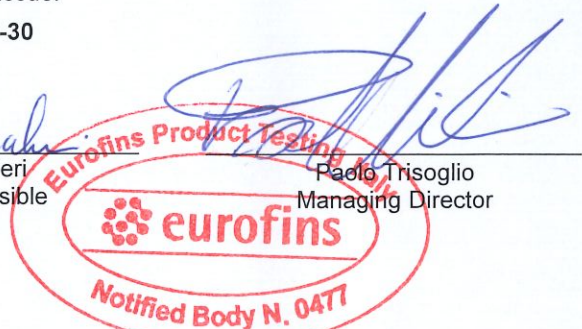
-40°C ≤ Ta ≤ +60°C



Place and date of issue:

Torino, 2020-11-30


Dionisio Bucchieri
Directive Responsible



PRD N° 119B

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

This Certificate has 3 pages and it is reproducible only in its entirety. Conditions of validity are reported below.

[13]

ANNEX

[14]

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issue 0


[15] Equipment description

The Crossmodal 3.0 EX / AX.3A is a smart device for industrial asset monitoring and tracking. It is intended to monitor railway wagons, containers, trucks, trailers, crates and other similar assets.

It has an internal autonomous power supply using a battery pack and a solar panel to remain powered for the lifetime of the asset (6-10 years depending on conditions and usage).

The device can be used in an environment having an ambient temperature in the range of -40 °C ÷ +60 °C.

Warning label

- DO NOT OPEN

Routine tests

None.

[16] Assessment Report n° EPT.20.REL.01/2013001

This EC-Type Examination Certificate is released after the positive result of the conformity assessment of the Council Directive 2014/34/EU and to harmonized technical standards listed in this certificate performed by the Notified Body Eurofins Product Testing Italy S.r.l., and reported in the Assessment Report above cited.

[17] Special condition for a safe use

None.

[18] Essential Health and Safety Requirements

Assured by compliance with harmonized standards.

[19] Descriptive documents

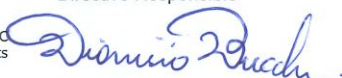
The equipment object of this Certificate are described by the following documents that are scheduled documents and therefore they cannot be modified without the explicit authorization of the Notified Body.

Type of document	Document identification	Rev.	Date
Technical note	20200316001	1.4	27-11-2020
Bill of material with thermal and rating assessment details	20200515001	1.6	27-11-2020
Schematic	20200505004	29	27-11-2020
PCB Specification	20200505003	27	12-11-2020
Label drawing	20200408001	1.1	11-11-2020
Instruction manual	20200511001	1.3	30-11-2020


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[14]

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[20] **Terms and conditions**

The product liability rests with the Manufacturer, his representative or, in the absence of a representative, with the importer, in accordance with the General Product Safety Directive 2001/95/EC.

The following conditions may render this certificate invalid:

- changes in the design or construction of the product;
- changes or amendments to the Directive;
- changes or amendments in the standards which form the basis for documenting compliance with the essential requirements of the 2014/34/EU Directive.

[21] **History**

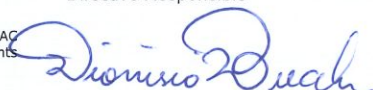
This certificate is at its first issue.



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End of Certificate

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