

[1]

EU-TYPE EXAMINATION CERTIFICATE



[2]

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

[3]

Certificate Number: **EPT 18 ATEX 3048 X** issue 0

[4]

Equipment: **GSM/GPRS/3G global position system tracker**
CROSSMODAL 2.0 EX / AX.2A

[5]

Manufacturer: **NEXIOT 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.18.REL.01/56567

[9]

Compliance with the essential health and safety is assured through the verification of them and by compliance with the standard:

EN 60079-0:2012+A11:2013, 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

-35°C ≤ Ta ≤ +60°C

Place and date of issue:

Torino, 2019-02-22



Dionisio Bucchieri

Dionisio Bucchieri
 Directive Responsible



Paolo Trisoglio

Paolo Trisoglio
 Managing Director



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]

EU-TYPE EXAMINATION CERTIFICATE N. EPT 18 ATEX 3048 X

issue 0

[15] Equipment description

The Crossmodal 2.0 EX / AX.2A is a smart device for industrial asset monitoring and tracking and consists in a performance improved version of the Globehopper Crossmodal Ex device. It is powered independently with a battery and a solar panel and it remains powered for the lifetime of the asset (6-10 years depending on conditions and usage). It is intended to monitor railway wagons, containers, trucks, trailers, crates or other similar objects. The protection degree of the enclosure is IP66 / IP67 according to EN 60079-0 and EN 60529.

Warning label

- POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS

Routine tests

None.

[16] Assessment Report n°EPT.18.REL.01/56567

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

- Potential electrostatic charging hazard – See instructions

[18] Essential Health and Safety Requirements

Assured by compliance with harmonized standards.

[19] Descriptive documents

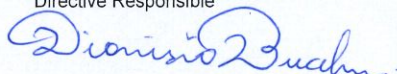
The equipment objects of this Certificate are described by the following documents. Scheduled documents are indicated with the symbol “✓”. They cannot be modified without the explicit authorization of the Notified Body.

Type of document	Document identification	Rev.	Date	Scheduled
Bill of material	CM2.0 - BOM V2.0.4x	1	12/02/19	✓
Schematic	CM2.0 - Schematic V2.0.4x	1	12/02/19	✓
Gerber archive	CM2.0 - Gerbers V2.0.4x	1	12/02/19	✓
Electrical characteristics	CM2.0 - Electrical concept	1	12/02/19	✓
Thermal assessment	CM2.0 - thermal	1	12/02/19	✓
Spark assessment	CM2.0 - spark	1	12/02/19	✓
Mechanical characteristics	CM2.0 - Mechanical concept	1	12/02/19	✓
Mechanical drawings	SCOCCA ATEX 2018	1	19/02/19	✓
Instruction manual	Globehopper Crossmodal 2.0 Ex Installation Instructions	1	12/02/19	✓
EU Declaration of Conformity	CM2.0 – CE declaration	-	12/02/19	-


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[14]

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issue 0

[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**

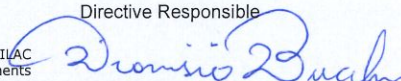
This certificate is at its first issue.



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End of Certificate

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