

[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 3744 X** issue 0

[4] Equipment: **Communication & Location Terminal**
CLT20Ex

[5] Manufacturer: **Intermodal Telematics B.V.**

[6] Address: **Korte Huifakkerstraat 8, 4815 Breda - Netherlands**

[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.01/1913141

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

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

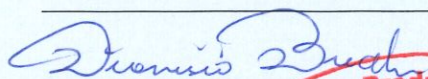
Ex ib IIIC T135°C Db

-40°C ≤ Ta ≤ +60°C

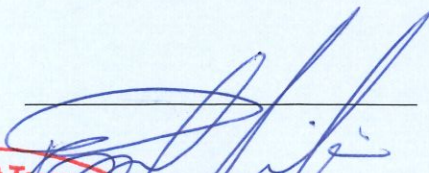


Place and date of issue:

Torino, 2020-07-13



Dionisio Bucchieri
Directive Responsible



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.



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ANNEX

[14]

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issue 0

**[15] Equipment description**

The CLT20-Ex is a Communications and Location Terminal consisting of a battery powered GSM/HSPA/LTE Cat M1/NB1 modems and GPS receiver with proprietary communication for industrial applications being able to connect through 2G\3G\4G\5G networks.

The device is also capable to enable short range communication over BLE (Bluetooth low energy) 5.x and IEEE 802.15.4 to connect with other devices and sensors.

The internal battery is charged by photovoltaic panel embedded on device front.

Temperature, movement and shock sensors are also integrated in the device.

Warning list

- WARNING: Potential electrostatic charging hazard – see instruction – Clean only using a wet cloth

Routine tests

None

[16] Assessment Report n° EPT.20.REL.01/1913141

This EU-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] Specific conditions of use

- Potential electrostatic charging hazard – see instruction – Clean only using a wet cloth

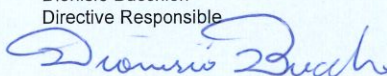
[18] Essential Health and Safety Requirements

Assured by compliance with harmonized standards.

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[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
Schematic – Power Board	CLT20-Ex PB	V3	22-06-2020
Schematic – Main Board	CLT20-Ex MB	V2R0	22-06-2020
Gerber archive	CLT20-Ex GERBER	V3	22-06-2020
Electrical characteristics	IMT - CLT20Ex - Electrical concept	1	22-06-2020
Bill of material, thermal & spark assessment	clt20ex ATEX calculations	V3	22-06-2020
Mechanical characteristics	IMT - CLT20Ex - Mechanical concept	1	22-06-2020
Mechanical drawings	IMT - CLT20Ex - Mechanical concept	1	22-06-2020
Instruction manual	Installatieleaflet CLT20 07. 20200701	V1	22-06-2020

[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.

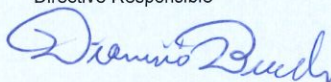
[21] **History**

This certificate is at its first issue.


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End of Certificate

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