

CERTIFICATE

(1) EU-Type Examination

(2) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number: **DEKRA 14ATEX0085 X** Issue Number: **2**

(4) Product: **Sounder & Beacon Model GTL-200, Sounder Model GTL-200B and Beacon Model GTL-200L**

(5) Manufacturer: **Gastron Co., Ltd.**

(6) Address: **23, Gunpocheomdansaneop 1-ro, Gunpo-si, Gyeonggi-do 15881, Korea, Republic of**

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., Notified Body number 0344 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential test report number NL/DEK/ExTR14.0049/01.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0 : 2012 + A11 : 2013

EN 60079-1 : 2007

except in respect of those requirements listed at item 18 of the Schedule.

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the product shall include the following:



II 2 G Ex d IIC T6...T4 Gb

Date of certification: 17 April 2019

DEKRA Certification B.V.

R. Schuller
Certification Manager



(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 14ATEX0085 X**

Issue No. 2

(15) **Description**

Sounder & Beacon Model GTL-200, Sounder Model GTL-200B and Beacon Model GTL-200L are audible/visual alarm devices. The equipment consists of a main body, a blind cover and depending on the model, a sounder cover and/or a beacon cover.

Ambient temperature range -40 °C to +75 °C.

The temperature class depends on the maximum ambient temperature ($T_{a,max}$) as follows:
T6 at $T_{a,max}$ of +55 °C for Sounder & Beacon Model GTL-200 and Sounder Model GTL-200B
T6 at $T_{a,max}$ of +60 °C for Beacon Model GTL-200L
T5 at $T_{a,max}$ of +70 °C
T4 at $T_{a,max}$ of +75 °C

Nomenclature and electrical data

Sounder & Beacon Model GTL-200:

85 Vac to 260 Vac, 50/60 Hz, Max. 0,423 A
12 Vdc to 48 Vdc, Max. 3,0 A

Sounder Model GTL-200B:

85 Vac to 260 Vac, 50/60 Hz, Max. 0,282 A
12 Vdc to 48 Vdc, Max. 2,0 A

Beacon Model GTL-200L:

85 Vac to 260 Vac, 50/60 Hz, Max. 0,141 A
12 Vdc to 48 Vdc, Max. 1,0 A

Installation instructions

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

No. NL/DEK/ExTR14.0049/01

(17) **Specific conditions of use**

- For details on the flameproof joints the manufacturer shall be contacted.
- The glass dome with the guard is suitable for areas with a low risk of mechanical danger only.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR14.0049/01

(20) **Certificate history**

Issue 0 - project no. 217165200 initial certificate
Issue 1 - project no. 510031900-2 manufacturer's address change