

# 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: **KEMA 00ATEX2103 X** Issue Number: **3**

(4) Product: **Limit Switch types GXA... and GXE...**

(5) Manufacturer: **Honeywell Control Systems Ltd.**

(6) Address: **Newhouse Industrial Estate, Motherwell, Lanarkshire ML1 5SB, United Kingdom**

(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/KEM/ExTR10.0099/01.

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

**EN IEC 60079-0 : 2018**

**EN 60079-1 : 2014**

**EN 60079-31 : 2014**

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 db IIC T6 Gb**  
**II 2 D Ex tb IIIC T85 °C Db**

Date of certification: 8 October 2021

DEKRA Certification B.V.

L.G. van Schie  
Certification Manager

Page 1/3



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(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate KEMA 00ATEX2103 X**

Issue No. **3**

(15) **Description**

Limit Switch types GXA... and GXE... provided with a permanently connected unterminated cable. The equipment consists of an Ex d and t certified inner switch in an enclosure providing protection.

Ambient temperature ranges      -20 °C to +60 °C (max. current 4 A)  
   -20 °C to +75 °C (max. current 3 A)

**Electrical data**

	Rated voltage max. [V]	Rated current max. [A]
AC	250	4
DC	250	0.15

**Installation instructions**

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

(16) **Report Number**

No. NL/KEM/ExTR10.0099/01.

(17) **Specific conditions of use**

The relation between ambient temperature and max. current is as shown above in (15) and in installation instructions XP-4051.

The free end of the permanently connected cable shall be connected either by using a suitable certified junction box when the connection is made inside the hazardous area or by using any suitable junction box when the box is placed outside the hazardous area.

The equipment has a non-conducting coating and may generate an ignition-capable level of electrostatic charges under certain extreme conditions. The user should ensure that the equipment is not installed in a location where it may be subjected to external conditions (such as high pressure steam) which might cause a build-up of electrostatic charges on non-conducting surfaces. Additionally, cleaning of the equipment should be done with a damp cloth.

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

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/KEM/ExTR10.0099/01.

(20) **Certificate history**

Issue 1 - 200422700      Initial certificate.  
Issue 2 - 213204400      Assessed against the most actual standard editions.  
   Minor design change.  
Issue 3 - 225591800.01      Assessed against the most actual standard editions.

(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate KEMA 00ATEX2103 X**

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