

(1) EC-TYPE EXAMINATION CERTIFICATE

(2) Equipment and protective systems intended for use in potentially explosive atmospheres - Directive 94/9/EC

(3) EC-Type Examination Certificate Number: **KEMA 00ATEX2103 X** Issue Number: **2**

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

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

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

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

(8) KEMA Quality B.V., notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems 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 213204400.

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

EN 60079-0 : 2006
EN 61241-0 : 2006

EN 60079-1 : 2007
EN 61241-1 : 2004

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment according to the Directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.

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



II 2 G Ex d IIC T6
II 2 D Ex tD A21 IP66 T85 °C

This certificate is issued on November 17, 2010 and, as far as applicable, shall be revised before the date of cessation of presumption of conformity of (one of) the standards mentioned above as communicated in the Official Journal of the European Union.

KEMA Quality B.V.

C.G. van Es
Certification Manager

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(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate KEMA 00ATEX2103 X** Issue No. 2

(15) **Description**

Limit Switch types GXA... and GXE... provided with a permanently connected unterminated cable.

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

Electrical data

Rated voltage : max. 400 V
Rated current : max. 4 A

Installation instructions

The instructions provided by the manufacturer shall be followed in detail in order to assure safe operation of the equipment.

(16) **Test Report**

KEMA No. 213204400.

(17) **Special conditions for safe use**

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 relation between ambient temperature and max. current is as shown above in (15).

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

Covered by the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. 213204400.