

CERTIFICATE

(1) Type Examination

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

(3) Type Examination Certificate Number: **DEKRA 12ATEX0025 X** Issue Number: **2**

(4) Equipment: **Embedded PC Series CX5000**

(5) Manufacturer: **Beckhoff Automation GmbH**

(6) Address: **Eiserstrasse 5, 33415 Verl, Germany**

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

(8) DEKRA Certification B.V., 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 no. 215126500.

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

EN 60079-0 : 2012 + A11 : 2013 **EN 60079-15 : 2010**

(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 Type Examination Certificate relates only to the design, examination and tests of the specified equipment and not to the manufacturing process and supply of this equipment.

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



II 3 G Ex nA IIC T4 Gc

This certificate is issued on 9 October 2014 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.

DEKRA Certification B.V.

R. Schuller
Certification Manager

Page 1/2

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(13) **SCHEDULE**

(14) **to Type Examination Certificate KEMA 12ATEX0025 X**

Issue No. 2

(15) **Description**

Embedded PC Series CX5000 for use in I/O and Fieldbus systems.

Depending on the model code and the options, the Embedded PC consists of components as listed in drawing ATEX 1201CX01AS1, rev. 1.

Electrical data

Supply: 24 Vdc, max. 4 A

Installation instructions

The manual provided with the equipment shall be followed in detail to assure safe operation.

(16) **Test Report**

No. 215126500.

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

1. The Embedded PC Series CX5000 should be installed in a protection enclosure according the documentation that guarantees a protection against mechanical hazards.
2. When the temperature under rated conditions exceeds 70 °C at the cable or conduit entry point, or 80 °C at the branching point of the conductors, the temperature specification of the selected cable shall be in compliance with the actual measured temperature values.
3. Provisions shall be made to prevent the rated voltages from being exceeded by transient disturbances of more than 40%.

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

Covered by the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. 215126500.