

CERTIFICATE

(1) Type Examination

(2) **Product intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) Type Examination Certificate Number: **DEKRA 18ATEX0087 X** Issue Number: **0**

(4) Product: **Transmitter box for CP-Link-4 / USB2.0-Extender-Tx Series CU880*-0000**

(5) Manufacturer: **Beckhoff Automation GmbH & Co. KG**

(6) Address: **Hülshorstweg 20, 33415 Verl, Germany**

(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., 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 Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014.

The examination and test results are recorded in confidential test report no. NL/DEK/ExTR18.0054/00.

(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

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 Type Examination Certificate relates only to the design and construction of the specified product and not to the manufacturing process and its monitoring.

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



II 3 G Ex nA IIC T4 Gc
II 3 D Ex tc IIIC T135 °C Dc

Date of certification: 20 December 2018

DEKRA Certification B.V.

L.G. van Schie
Certification Manager

(13) **SCHEDULE**

(14) **to Type Examination Certificate DEKRA 18ATEX0087 X**

Issue No. **0**

(15) **Description**

The CU8801-0000 USB2.0-Extender-Tx is to extend the USB cable length up to 50 meters. This box sends the USB signals from input port to the receiver unit.

The CU8802-0000 CP-Link 4 transmitter box is a two cable display link, for connecting a PC via DVI and USB to CPX29xx-0010 or CPX39xx-0010 multi-touch panels, for a distances up to 100 m.

The CU8803-0000 CP-Link 4 transmitter box is a single cable display link, for connecting a PC via DVI and USB to CPX29xx-0010 or CPX39xx-0010 multi-touch panels, for a distances up to 100 m.

Ambient temperature range: 0 °C to 55 °C.

Electrical data

CU8801-0000: by USB (5 V_{DC}), maximum 500 mA @ 5 V_{DC}.

CU8802-0000: 24 V_{DC} (-15% to +20%), 0.13 A.

CU8803-0000: 24 V_{DC} (-15% to +20%), 4.7 A.

Installation instructions

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

(16) **Report Number**

No. NL/DEK/ExTR18.0054/00.

(17) **Specific conditions of use**

For type of protection Ex nA:

The equipment shall only be used in an area of not more than pollution degree 2, as defined in EN 60664-1.

The equipment shall be installed in a suitable enclosure providing a degree of protection of at least IP54 according to EN 60079-15, taking into account the environmental conditions under which the equipment is used.

Provisions shall be made to prevent the rated voltage from being exceeded by transient disturbances of more than 119 V.

For type of protection Ex tc:

The equipment shall be installed in a suitable enclosure providing a degree of protection of IP54 according to EN 60079-31 for group IIIA or IIIB and IP6X according to EN 60079-31 for Group IIIC, taking into account the environmental conditions under which the equipment is used.

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

Covered by the standards listed at item (9).

(13) **SCHEDULE**

(14) **to Type Examination Certificate DEKRA 18ATEX0087 X**

Issue No. **0**

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR18.0054/00.

(20) **Certificate history**

Issue 0 - 222295800 Initial certificate