



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx DEK 18.0052X

Issue No: 0

Certificate history:

[Issue No. 0 \(2018-12-20\)](#)

Status: **Current**

Page 1 of 3

Date of Issue: **2018-12-20**

Applicant: **Beckhoff Automation GmbH & Co. KG**  
Hülsthorstweg 20  
33415 Verl  
**Germany**

Equipment: **Transmitter box for CP-Link-4 / USB2.0-Extender-Tx, Series CU880\*-0000**

*Optional accessory:*

Type of Protection: **Ex nA and Ex tc**

Marking:  
Ex nA IIC T4 Gc and  
Ex tc IIIC T135 °C Dc

*Approved for issue on behalf of the IECEx  
Certification Body:*

L.G. van Schie

*Position:*

Certification Manager

*Signature:  
(for printed version)*

*Date:*

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](#).

Certificate issued by:

**DEKRA Certification B.V.**  
Meander 1051,  
6825 MJ Arnhem  
The Netherlands





# IECEX Certificate of Conformity

Certificate No: IECEX DEK 18.0052X Issue No: 0  
Date of Issue: **2018-12-20** Page 2 of 3  
Manufacturer: **Beckhoff Automation GmbH & Co. KG**  
Hülsthorstweg 20  
33415 Verl  
**Germany**

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

## STANDARDS:

The apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

<b>IEC 60079-0 : 2011</b> Edition:6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-15 : 2010</b> Edition:4	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
<b>IEC 60079-31 : 2013</b> Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

## TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

Test Report:

[NL/DEK/ExTR18.0054/00](#)

Quality Assessment Report:

[DE/BVS/QAR16.0010/02](#)



# IECEX Certificate of Conformity

Certificate No: IECEx DEK 18.0052X

Issue No: 0

Date of Issue: 2018-12-20

Page 3 of 3

## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

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 CP29xx-0010 or CP39xx-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 CP29xx-0010 or CP39xx-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 VDC), maximum 500 mA @ 5 VDC.

CU8802-0000: 24 VDC (-15% to +20%), 0.13 A.

CU8803-0000: 24 VDC (-15% to +20%), 4.7 A.

### SPECIFIC CONDITIONS OF USE: YES as shown below:

For Ex nA:

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

The equipment shall be installed in a suitable enclosure providing a degree of protection of at least IP54 according to IEC 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 Ex t:

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