



# 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 18.0028X

Issue No: 0

Certificate history:

[Issue No. 0 \(2018-09-14\)](#)

Status: **Current**

Page 1 of 3

Date of Issue: **2018-09-14**

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

Equipment: **Multi-touch Panel PC Series CPX37.. and Multi-touch Control Panel Series CPX39..**

*Optional accessory:*

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

Marking:

Ex nA IIC T5 Gc and  
Ex tc IIIC T100 °C Dc

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

Certification Manager

*Position:*

L.G. van Schie

*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 18.0028X Issue No: 0  
Date of Issue: **2018-09-14** 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/ExTR18.0027/00](#)

Quality Assessment Report:

[DE/BVS/QAR16.0010/01](#)



# IECEX Certificate of Conformity

Certificate No: IECEx DEK 18.0028X

Issue No: 0

Date of Issue: 2018-09-14

Page 3 of 3

## Schedule

### EQUIPMENT:

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

Multi-touch Panel PC Series CPX37...-0010 and Multi-touch Control Panel Series CPX39...-0010 are panel PC's designed for industrial application intended for mounting in a 100x100 mm mounting interface.

Depending on the model code and the options, the Multi-touch Panel PC and Multi-touch Control Panel has a display size of 15", 19" or 21".

#### Nomenclature:

CPX37xx-0010 / CPX39xx-0010, xx indicates the display size and can be 15,19 or 21.

#### Electrical data

Supply: 24 Vdc, max. 1.7 A.

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

#### For type of protection Ex nA and Ex t:

Ambient temperature range:

0 °C to 45 °C for Series CPX37..

0 °C to 50 °C for Series CPX39..

The equipment shall be installed in such a way that the risk of mechanical danger is low.

#### 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.

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