



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX DEK 21.0049X** Page 1 of 4 [Certificate history:](#)
Status: **Current** Issue No: 1 [Issue 0 \(2021-09-02\)](#)
Date of Issue: 2022-05-17
Applicant: **Beckhoff Automation GmbH & Co. KG**
Hülshorstweg 20
Verl 33415
Germany
Equipment: **Ultra-compact Industrial PC C6032-00x0 and C6030-00x0**
Optional accessory:
Type of Protection: **Ex ec**
Marking: Ex ec IIC T4 Gc

Approved for issue on behalf of the IECEx
Certification Body:

R. Schuller

Position:

Certification Manager

Signature:
(for printed version)

Date:
(for printed version)

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 www.iecex.com or use of this QR Code.



Certificate issued by:

DEKRA Certification B.V.
Meander 1051
6825 MJ Arnhem
Netherlands





IECEX Certificate of Conformity

Certificate No.: **IECEX DEK 21.0049X**

Page 2 of 4

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Manufacturer: **Beckhoff Automation GmbH & Co. KG**
Hülshorstweg 20
Verl 33415
Germany

Manufacturing locations: **Beckhoff Automation GmbH & Co. KG**
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Verl 33415
Germany

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 equipment 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

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with 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/ExTR21.0052/01](#)

Quality Assessment Report:

[DE/BVS/QAR16.0010/05](#)



IECEX Certificate of Conformity

Certificate No.: **IECEX DEK 21.0049X**

Page 3 of 4

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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Ultra-compact Industrial PC C6032-00x0 and C6030-00x0 for use in I/O and Fieldbus systems.

See Annex 1 Testreport NL/DEK/ExTR21.0052/01 for type designation and ambient temperature range.

Electrical data

Supply: 24 Vdc, max. 6 A.

SPECIFIC CONDITIONS OF USE: YES as shown below:

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 60079-0, taking into account the environmental conditions under which the equipment will be used.

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



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Certificate No.: **IECEX DEK 21.0049X**

Page 4 of 4

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Addition of model Type C6030-00x0.

Annex:

[226409800 Annex 1.pdf](#)

Table 1

Description	Type/Beckhoff No.	Temp. Class	Ambient Range Ta:	Supply Volt.	Technical Data
Ultra-compact Industrial PC	C6032-00x0	T4	0...+55 °C	24Vdc	---
Ultra-compact Industrial PC	C6030-00x0	T4	0...+55 °C	24Vdc	---

Nomenclature:

x specification of the motherboards - can be 6 or 7