



# 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 EPS 17.0012X

Issue No: 2

Certificate history:

Status: **Current**

Issue No. 2 (2019-03-26)

Issue No. 1 (2018-05-08)

Date of Issue: **2019-03-26**

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Issue No. 0 (2018-04-19)

Applicant: **BARTEC GmbH**  
Max-Eyth-Str. 16  
97980 Bad Mergentheim  
**Germany**

Equipment: **Touch Computer TC75ex-NI and TC75Xex-NI B7-A26\*-\*\*\*\***

*Optional accessory:*

Type of Protection: **intrinsic safety "i"**

Marking:

Ex ic op is IIC T5 Gc

Ex ic op is IIIB T100°C Dc IP64

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

Holger Schaffer

*Position:*

Manager Certification

*Signature:  
(for printed version)*

*Date:*

2019-03-26



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](http://www.iecex.com).

Certificate issued by:

**Bureau Veritas Consumer Products Services Germany GmbH**  
Businesspark A96  
86842 Türkheim  
Germany





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Manufacturer: **BARTEC GmbH**  
Max-Eyth-Str. 16  
97980 Bad Mergentheim  
**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 : 2017</b> Edition:7.0	Explosive atmospheres - Part 0: Equipment - General requirements
<b>IEC 60079-11 : 2011</b> Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
<b>IEC 60079-28 : 2015</b> Edition:2	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation

*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:

[DE/EPS/ExTR17.0010/02](#)

Quality Assessment Report:

[DE/TUN/QAR06.0017/10](#)



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## Schedule

### EQUIPMENT:

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

The TC75<sup>ex</sup>-NI and TC75X<sup>ex</sup>-NI are portable touch computers with bar-code scanner. Power is provided by a user-replaceable battery pack. Scanning options include a Blockbuster Imager (SE4750). A scanner handle with part number B7-A2Z0-0052 can be used as an accessory.

### Electrical data:

TC75<sup>ex</sup>-NI: Battery powered 3.7 VDC (4620 mAh) B7-A2Z0-0045

TC75X<sup>ex</sup>-NI: Battery powered 3.7 VDC (4620 mAh) B7-A2Z0-0053

### Ambient temperature range:

-20 °C to +50 °C

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

Batteries shall only be charged and changed in an area known to be non-hazardous.

Only use battery pack with part number B7-A2Z0-0045 for the TC75<sup>ex</sup>-NI and B7-A2Z0-0053 for the TC75X<sup>ex</sup>-NI.

USB port shall not be used in hazardous area.

Only the display protector foil with part number B7-A2Z0-0051 may be used.

The device must be protected from impacts with high impact energy, against excessive UV light emission and high electrostatic charge processes.



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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):**

Device type and accessories added.