



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

Certificate No.: IECEx EPS 16.0050X Issue No: 0 Certificate history:
Issue No. 0 (2017-04-12)

Status: **Current** Page 1 of 3

Date of Issue: **2017-04-12**

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

Equipment: **Hand-held scanner BCS 3608ex-NI / BCS 3678ex-NI**
Optional accessory:

Type of Protection: **intrinsic safety**

Marking:
Ex ic IIC T4 Gc
Ex ic IIIB T135°C Dc IP64

Approved for issue on behalf of the IECEx
Certification Body:

Holger Schaffer

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

Certificate issued by:

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





IECEx Certificate of Conformity

Certificate No: IECEx EPS 16.0050X Issue No: 0
Date of Issue: 2017-04-12 Page 2 of 3
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 electrical 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:

IEC 60079-0 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-11 : 2011 Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-28 : 2015 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/ExTR16.0050/00](#)

Quality Assessment Report:

[DE/TUN/QAR06.0017/08](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The ultra rugged hand-held scanner BCS 3608^{ex}-NI / BCS 3678^{ex}-NI are for reliably scanning barcodes in hazardous areas.

Electrical data:

BCS 3608^{ex}-NI: 5 V / 12 V DC

BCS 3678^{ex}-NI: 3.6 V DC; 3275 mAh

Ex-relevant accessories:

Battery	type B7-A2Z0-0036 (3.6 V DC; 3275 mAh)
Connection cable	type B7-A2Z0-0037 (1.9 m)
Connection cable	type B7-A2Z0-0038 (4.5 m)
Connection cable	type B7-A2Z0-0039 (2.7 m coiled)
Limitation cable	type B7-A2Z0-0040 (RS232)
Limitation cable	type B7-A2Z0-0041 (USB)
Universal power supply	type B7-A2Z0-0042
Universal power supply BT	type B7-A2Z0-0043

SPECIFIC CONDITIONS OF USE: YES as shown below:

Batteries shall be changed or charged in an area known to be non-hazardous. Do not connect or disconnect the connecting cable unless power has been switched off or the area is known to be non-hazardous. Ensure that the safety lock metal plate is closed and screwed. The impact test according to IEC 60079-0 was done with low impact energy. The device must be protected from impacts with high impact energy.

The maximum permissible ambient temperature range is: -20 °C to +50 °C