



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 17.0090X Issue No: 0 Certificate history:
Issue No. 0 (2018-12-11)

Status: **Current**

Date of Issue: **2018-12-11** Page 1 of 3

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

Equipment: **Hand-held scanner BCS3678ex-IS Bluetooth 17-A1S4-2HP1**
Optional accessory:

Type of Protection: **intrinsic safety "i" / encapsulation "m"**

Marking:
Ex ia ma op is IIC T4 Gb
Ex ia ma op is IIIC T135°C Db IP64

Approved for issue on behalf of the IECEx
Certification Body:

Holger Schaffer

Position:

Certification Manager

Signature:
(for printed version)

Date:

2018-12-11



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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Certificate No: IECEx EPS 17.0090X
Date of Issue: 2018-12-11
Manufacturer: **BARTEC GmbH**
Max-Eyth-Str. 16
97980 Bad Mergentheim
Germany

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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:

IEC 60079-0 : 2017 Edition:7.0	Explosive atmospheres - Part 0: Equipment - General requirements
IEC 60079-11 : 2011 Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-18 : 2017 Edition:4.1	Explosive atmospheres - Part 18: Protection by encapsulation "m"
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/ExTR17.0089/00](#)

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 ultra-rugged intrinsically safe hand-held scanner type BCS3678^{EX}-IS is for reliably scanning barcodes in hazardous areas.

Electrical data

Battery powered LI-ION 3.6 V / 2800 mAh
(10.08 Wh)

Ex-relevant accessories

Universal supply module 3678ex-IS Type 17-A1Z0-0019

Battery (3.6 V / 2800 mAh) Type 17-A1Z0-0012

Leather holster Type 17-A1Z0-0024

Non-Ex-relevant accessories

Programming cable IS Type 17-A1Z0-0020

Base Station Type 17-A1Z0-0014

4 slot battery charger Type 17-A1Z0-0013

Connecting cable RS232 Type 17-A1Z0-0026 / 17-A1Z0-0027

Ambient temperature range -20 °C to +50 °C

SPECIFIC CONDITIONS OF USE: YES as shown below:

Battery shall only be changed or charged in an area known to be non-hazardous.

Ensure that the battery cover is closed and locked in hazardous locations.

Programming shall only be done in an area known to be non-hazardous.

The device shall be protected against impacts with high impact energy, against permanent UV-light and high electrostatic charge generating processes.

The Quick-Start-Guide shall be observed.

The non-Ex-relevant accessories may not be used in hazardous areas.