



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 EPS 17.0090X** Page 1 of 4 Certificate history:
Status: **Current** Issue No: 1 Issue 0 (2018-12-11)
Date of Issue: 2020-11-16
Applicant: **BARTEC GmbH**
Max-Eyth-Str. 16
97980 Bad Mergentheim
Germany
Equipment: **Hand-held scanner BCS3678ex-IS Bluetooth 17-A1S*-2HP1/******
Optional accessory:
Type of Protection: **Intrinsic safety "i", encapsulation "m", optical radiation "op is"**
Marking: Ex ia ma op is IIC T4 Ga
Ex ia ma op is IIIC T135°C Da IP64

Approved for issue on behalf of the IECEx
Certification Body:

Position:

Signature:
(for printed version)

Date:

Holger Schaffer

Certification Manager

2020-11-16

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:

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





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Issue No: 1

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

Additional
manufacturing
locations:

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 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

IEC 60079-18:2017 Explosive atmospheres - Part 18: Protection by encapsulation "m"
Edition:4.1

IEC 60079-28:2015 Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation
Edition:2

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:

DE/EPS/ExTR17.0089/01

Quality Assessment Report:

DE/TUN/QAR06.0017/12



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

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

Electrical data:

Battery powered LI-ION 3.6 V / 2800 mAh / 10.08 Wh Type 17-A1Z0-0012

Ex-relevant accessories

Universal supply module 3678 ^{EX} -IS	Type 17-A1Z0-0019
HMI supply module Ex i 3678 ^{EX} -IS	Type 17-A1Z0-0028
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
Connecting cable RS232	Type 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.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Minor hardware changes, EPL Ga/Da added.