

## EU - Type Examination Certificate

- (1)
- (2) Equipment and protective systems intended for use in potentially explosive atmospheres – Directive 2014/34/EU
- (3) EU - Type Examination Certificate Number

**EPS 17 ATEX 1 177 X**

**Revision 1**

- (4) Equipment: Hand-held scanner BCS3678<sup>ex</sup>-IS Bluetooth 17-A1S\*-2HP1/\*\*\*\*
- (5) Manufacturer: BARTEC GmbH
- (6) Address: Max-Eyth-Str. 16  
97980 Bad Mergentheim  
Germany
- (7) This equipment and any acceptable variation thereto are specified in the annex to this certificate and the documentation therein referred to.
- (8) Bureau Veritas Consumer Products Services Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, certifies that this equipment has been found to comply with the essential health and safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential documentation under the reference number 16TH0367.
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:

**EN IEC 60079-0:2018**

**EN 60079-11:2012**

**EN 60079-18:2015/A1:2017**

**EN 60079-28:2015**

- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the annex to this certificate.
- (11) This EU - Type Examination Certificate relates only to the design and examination of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.
- (12) The marking of the equipment shall include the following:



II 1G Ex ia ma op is IIC T4 Ga

II 1D Ex ia ma op is IIIC T135°C Da IP64



Certification department of explosion protection

Hamburg, 2020-11-16

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(13)

## Annex

(14) **EU - Type Examination Certificate EPS 17 ATEX 1 177 X**

Revision 1

(15) Description of equipment:

The ultra-rugged intrinsically safe hand-held scanner type BCS3678<sup>ex</sup>-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 <sup>ex</sup> -IS | Type 17-A1Z0-0019 |
| HMI supply module Ex i 3678 <sup>ex</sup> -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 / 17-A1Z0-0027 |

Ambient temperature range:

-20 °C to +50 °C

(16) Reference number: 16TH0367

(17) Special conditions for safe use:

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.

(18) Essential health and safety requirements:

Met by compliance with standards.

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Certificates without signature and seal are void. This certificate is allowed to be distributed only if not modified. Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH. EPS 17 ATEX 1 177 X, Revision 1.