



Certificate of Conformity

- (1)
- (2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – **UKSI 2016:1107 (as amended)**

(3) Certificate Number

EPS 23 UKEX 1 053 X

Revision 0

(4) Equipment: TC73^{ex}-NI / TC78^{ex}-NI B7-A2D*-****/*****

(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 of Conformity and the documentation therein referred to.

(8) Bureau Veritas Consumer Products Services United Kingdom Limited certifies based on a voluntary assessment 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 Schedule 1 of UKSI 2016:1107 (as amended). The examination and test results are recorded in the confidential documentation under the reference number 22TH0564.

(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 60079-28:2015

(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 Certificate of Conformity relates only to the design and the construction of the specified equipment in accordance with UKSI 2016:1107 (as amended). Further requirements 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 3G Ex ic op is IIC T4 Gc
 II 3D Ex ic op is IIIC T135°C Dc IP64



Certification department of explosion protection

Warrington, 31-07-2023

N. Wilkinson
Natalie Wilkinson



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 United Kingdom Limited. EPS 23 UKEX 1 053 X, Revision 0.



(13)

Annex

(14) **Certificate of Conformity EPS 23 UKEX 1 053 X**

Revision 0

(15) Description of Equipment:

The TC73^{ex}-NI / TC78^{ex}-NI are portable touch computer with barcode scanner. They are powered by a user rechargeable and replaceable battery pack. Scanning options include various types of 2D imagers. A scanner handle can be used as an accessory. Support for wireless networks, such as Wi-Fi 6E, 5G, CBRS and. Bluetooth 5.2.

Electrical data:

Battery powered	Standard Battery	3.85 V / 4680 mAh
	Extended Battery	3.85 V / 7000 mAh

Accessories for use in hazardous areas:

B7-A2Z0-0088/****	Standard Battery 3.85 V / 4680 mAh
B7-A2Z0-0089/****	Extended Battery 3.85 V / 7000 mAh
B7-A2Z0-0090	Scan handle (mechanical)
B7-A2Z0-0091	Leather holster
B7-A2Z0-0092	Hand strap
B7-A2Z0-0093	Screen protector
B7-A2Z0-0094	Scan handle (electronic)

A list of approved accessories can be found at www.bartec.com.

Ambient temperature range:

-20 °C ≤ Ta ≤ +50 °C

(16) Reference number: 22TH0564

(17) Special conditions for safe use:

The battery pack shall be changed or charged only outside hazardous areas.

Only the battery pack type B7-A2Z0-0088/**** or B7-A2Z0-0089/**** shall be used for TC73^{ex}-NI / TC78^{ex}-NI.

Connection and disconnection of all external ports, opening the enclosure, or replacing battery pack while live is only permitted if the potentially explosive atmosphere is shown to be absent.

The equipment shall be protected from impacts with high impact energy and high electrostatic charge generating processes.

The manufacturer's safety instructions shall be respected strictly.

(18) Essential health and safety requirements:

Met by compliance with standards.

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