



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 23.0008X** Page 1 of 3 Certificate history:
Status: **Current** Issue No: 0
Date of Issue: 2023-07-20
Applicant: **BARTEC GmbH**
Max-Eyth-Str. 16
97980 Bad Mergentheim
Germany
Equipment: **TC73ex-NI / TC78ex-NI B7-A2D*-****/*******
Optional accessory:
Type of Protection: **Intrinsic safety "i", optical radiation "op is"**
Marking: Ex ic op is IIC T4 Gc
Ex ic op is IIIC T135°C Dc IP64

Approved for issue on behalf of the IECEx
Certification Body:

Position:

Signature:
(for printed version)

Date:
(for printed version)



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

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 60079-28:2015 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/ExTR23.0008/00

Quality Assessment Report:

DE/TUN/QAR06.0017/14



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

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

SPECIFIC CONDITIONS OF USE: YES as shown below:

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.