



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 14.0100X** Page 1 of 4 [Certificate history:](#)
Status: **Current** Issue No: 3 [Issue 2 \(2016-06-21\)](#)
[Issue 1 \(2015-08-19\)](#)
[Issue 0 \(2015-02-23\)](#)
Date of Issue: 2019-07-22
Applicant: **BARTEC GmbH**
Max-Eyth-Strasse 16
97980 Bad Mergentheim
Germany
Equipment: **Mobile Computer MC92N0ex-NI B7-A2A*-***
Optional accessory:
Type of Protection: **intrinsic safety ic**
Marking:
Ex ic op is IIB/IIC T4/T6 Gc
Ex ic op is IIIB T80°C Dc IP64
(see certificate attachment)

Approved for issue on behalf of the IECEx
Certification Body:

Holger Schaffer

Position:

Certification Manager

Signature:
(for printed version)

Date:

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-Strasse 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 60079-28:2015 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/ExTR14.0100/03](#)

Quality Assessment Report:

[DE/TUN/QAR06.0017/10](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The Mobile Computer MC92N0^{EX}-NI is a handheld electrical device. It serves the purposes of the mobile entry, processing and radio transmission of data within potentially explosive atmospheres.

Optionally, headsets from BARTEC GmbH with Part No. 17-28BE-F004 / 17-28BE-F005 or technically comparable types can be used.

Use only BARTEC Part No. 17-A1Z0-0004 as display cover sheet.

Electrical data:

Supply:

The mobile computer may only be used with the Li-ion battery pack B7-A2Z0-0006 7.4 V / 2200 mAh or B7-A2Z0-0025 7.4 V / 2400 mAh or B7-A2Z0-0044 7.4V / 2600 mAh made by company BARTEC GmbH.

Type description: see annex.

SPECIFIC CONDITIONS OF USE: YES as shown below:

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

The equipment shall be protected from impacts with high impact energy, against excessive UV light emission and high electrostatic charge generating processes.

The ambient temperature range is from -20°C to +50°C.

The manufacturer's safety instructions shall be respected strictly.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Issue 1 and 2: New device types added.

Issue 3: New device types added and new battery, IEC 60079-0:2017 and IEC 60079-28:2015 added

Annex:

Annex to [Bartec_MC92N0ex_IECEx EPS 14.0100X_Attachment_5.pdf](#)



2019-07-22



Applicant: BARTEC GmbH
Max-Eyth-Strasse 16
97980 Bad Mergentheim
Germany

Electrical Apparatus: Mobile Computer MC92N0^{ex}-NI

Description of equipment:

The Mobile Computer MC92N0^{ex}-NI is a handheld electrical device. It serves the purposes of the mobile entry, processing and radio transmission of data within potentially explosive atmospheres.

Type key explanation:

Type code	Marking
B7-A2A*-0**0/S***** B7-A2A*-R***/S***** B7-A2A*-R**2/S***** B7-A2A*-R**4/S***** B7-A2A*-R**5/S***** B7-A2A*-R**6/S*****	Ex ic IIC T6 Gc Ex ic IIIB T80°C Dc IP64
B7-A2A*-R**7/S***** B7-A2A*-R**8/S*****	Ex ic IIB T6 Gc Ex ic IIIB T80°C Dc IP64
B7-A2A*-R**1/S***** B7-A2A*-R**3/S***** B7-A2A*-R**A/S***** B7-A2A*-R**B/S*****	Ex ic IIC T4 Gc Ex ic IIIB T80°C Dc IP64
B7-A2A*-R**C/S***** B7-A2A*-R**D/S*****	Ex ic IIB T4 Gc Ex ic IIIB T80°C Dc IP64

Issue 2:

The following types are added:

Type code	Marking
B7-A2A*-**L*/S***** (Scanner Typ SE4750) B7-A2A*-**M*/S***** (Scanner Typ SE4750)	Ex ic IIC T4 Gc Ex ic IIIB T80°C Dc IP64
B7-A2A*-***R/S***** (RuBee Reader)	Ex ic IIC T6 Gc Ex ic IIIB T80°C Dc IP64



2019-07-22



Issue 3:

Type code	Marking
Type B7-A2A*-0**0/S***** Type B7-A2A*-R***/S*****	Ex ic op is IIC T6 Gc Ex ic op is IIIB T80°C Dc IP64
Type B7-A2A*-R**7/S***** Type B7-A2A*-R**8/S*****	Ex ic op is IIB T6 Gc Ex ic op is IIIB T80°C Dc IP64
Type B7-A2A*-**L*/S***** Type B7-A2A*-**M*/S*****	Ex ic op is IIC T4 Gc Ex ic op is IIIB T130°C Dc IP64
Type B7-A2A*-R**1/S***** Type B7-A2A*-R**3/S***** Type B7-A2A*-R**A/S***** Type B7-A2A*-R**B/S*****	Ex ic IIC T4 Gc Ex ic IIIB T130°C Dc IP64
Type B7-A2A*-R**C/S***** Type B7-A2A*-R**D/S*****	Ex ic IIB T4 Gc Ex ic IIIB T130°C Dc IP64