



(1) **Certificate of Conformity**

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres –  
**Directive 94/9/EC**

(3) Certificate of Conformity Number:

**EPS 14 ATEX 1 782 X**

**Revision: 1**

(4) Equipment: Mobile Computer MC92N0<sup>ex</sup> -NI B7-A2A\*-\*

(5) Manufacturer: BARTEC GmbH

(6) Address: Max-Eyth-Straße 16  
97980 Bad Mergentheim, Germany

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH, Notified Body No. 2004 in accordance with Article 9 of the Council Directive 94/9/EC of March 23rd 1994, certifies, based on a voluntary testing, 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 report 14TH0211.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 60079-0:2012 + A11:2013**

**EN 60079-11:2012**

(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 schedule to this certificate.

(11) This Certificate of Conformity relates only to the design and the construction of the specified equipment in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this equipment.

(12) The marking of the equipment shall include the following:



II 3G Ex ic IIB/IIC T4/T6 Gc

II 3D Ex ic IIIB T80°C Dc IP64



Certification department of explosion protection

Nuremberg, 2015-07-31



D. Zitzmann





(13)

## Annexe

(14) **Certificate of Conformity EPS 14 ATEX 1 782 X**

**Revision: 1**

(15) Description of equipment:

The intrinsically safe MC92N0<sup>ex</sup>-NI (B7-A2A\*-) is a mobile computer and designed for communications in hazardous location zones 2/22. It is equipped with WLAN, Bluetooth and Scanner.

The power supply battery pack is mounted on the back of the computer. The battery pack shall be charged only outside the ex-hazardous area.

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

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:

Power supply

The mobile computer may only be used with the battery pack B7-A2Z0-0006 Li-ion 7,4 V / 2200 mAh or B7-A2Z0-0025 Li-ion 7,4 V / 2400 mAh made by company BARTEC GmbH.

(16) Test report: 14TH0211

(17) Special conditions for safe use:

The battery pack shall be changed or charged only outside ex-hazardous areas. The device must be protected from impacts with high impact energy, against excessive UV light emission and high electrostatic charge processes. The permitted ambient temperature range is -20°C to +50°C.

(18) Essential health and safety requirements:

Met by standards.

Certification department of explosion protection

Nuremberg, 2015-07-31



D. Zitzmann