

(1) **Certificate of Conformity**

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – **Directive 2014/34/EU**

(3) Certificate Number:

EPS 14 ATEX 1 782 X

Revision 3

(4) Equipment: Mobile Computer MC92N0^{ex}-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 of Conformity and the documents therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH 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 Annex II of the Directive 2014/34/EU. The examination and test results are recorded in the confidential documentation under the reference number 14TH0211.

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

EN 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 schedule to this certificate.

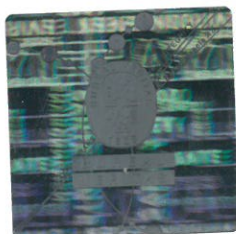
(11) This Certificate of Conformity relates only to the design and the construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture and supply of this equipment. Those requirements are not covered by this certificate.

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



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

II 3D Ex ic op is IIIB T80°C Dc IP64



Certification department of explosion protection

Hamburg, 2019-07-22



H. Schaffer

(13)

Annexe

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

Revision 3

(15) Description of equipment:

The intrinsically safe MC92N0^{ex}-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

Revision 2:

The following types are added:

Type code	Marking
B7-A2A*-**L*/S***** (Scanner Typ SE4750)	Ex ic IIC T4 Gc
B7-A2A*-**M*/S***** (Scanner Typ SE4750)	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

Revision 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

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 7.4 V / 2600 mAh made by company BARTEC GmbH.

(16) Reference number: 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

Hamburg, 2019-07-22



H. Schaffer