



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 22 UKEX 1 174 X

Revision 0

- (4) Equipment: Mobile Computer MC2X^{ex}-NI
Type B7-A2N* -****/*****
- (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 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 21TH0362.
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN IEC 60079-0:2018

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 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 IIB T4 Gc

II 3D Ex ic IIIC T130°C Dc IP64



Certification department of explosion protection

Warrington, 01-08-2022



Natalie Wilkinson

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(13)

Annex

(14) **Certificate of Conformity EPS 22 UKEX 1 174 X**

Revision 0

(15) Description of Equipment:

The MC2X^{ex}-NI (B7-A2N*-****/*****) is a battery-powered, portable Mobile Computer equipped with a touch-screen display, LTE/WLAN/Bluetooth communications, camera, flashlight, barcode reader, NFC reader, microSD card reader and other options.

Electrical data:

Battery powered, Lithium ion, 3.6 V – 3300 mAh – 11.88 Wh Type B7-A2Z0-0081

Accessories for use in hazardous areas:

Hand Strap	Type B7-A2Z0-0082
Scan Handle	Type B7-A2Z0-0083
Protective Cover	Type B7-A2Z0-0084
Protective Cover for the device with Scan Handle	Type B7-A2Z0-0085
Screen Protector	Type B7-A2Z0-0086
Cover for Battery Lock	Type B7-A2Z0-0087

Accessories for use outside hazardous areas:

1 Slot Cradle with 1 Slot Battery Charger	Type G7-A0Z0-0059
4 Slot Battery Charger	Type G7-A0Z0-0062

Ambient temperature range:

-20 °C ≤ Ta ≤ +50 °C

(16) Reference number: 21TH0362

(17) Special conditions for safe use:

The battery pack shall be changed or charged only outside hazardous areas. In hazardous areas, the cover for battery lock (Type: B7-A2Z0-0087) must be snapped in.

The equipment shall only be used with the Screen Protector (Type: B7-A2Z0-0086).

Connection and disconnection of all external ports, opening enclosure or replacing the 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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