

(1) **Certificate of Conformity**

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

(3) **Certificate Number:**

EPS 17 ATEX 1 069 X

Revision 0

(4) **Equipment:** Handheld Computer type CT50 -Ex

(5) **Manufacturer:** ecom instruments GmbH

(6) **Address:** Industriestrasse 2
97959 Assamstadt
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 16TH0398.

(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 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 IIC T4 Gc IP64

 II 3D Ex ic IIIB T135°C Dc IP64

Certification department of explosion protection

Nuremberg, 2018-02-09



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**BUREAU
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(13)

Annexe

(14) **Certificate of Conformity EPS 17 ATEX 1 069 X**

Revision 0

(15) Description of equipment:

The CT50 -Ex is an intrinsically safe handheld computer for use in explosive hazardous areas of zone 2 and zone 22.

Electrical data:

Lithium-Ion Battery, 3.6 V, 4040 mAh
Type: AM CT50 -Ex

Accessory:

Scan Handle CT50-ND
Hand Strap

Ambient temperature range:

-20 °C ≤ Ta ≤ +50 °C

(16) Reference number: 16TH0398

(17) Schedule of Limitations:

Do not charge the device inside hazardous locations.
Do not replace/remove the battery pack inside hazardous locations.
The battery pack may only be charged outside hazardous locations.
The device may only be used with the battery pack type AM CT50 -Ex from ecom instruments GmbH.
The device has to be protected against impacts with high impact energy.
The device has to be protected against high electrostatic charge generating processes and against excessive UV light emission.
Do not take spare battery packs into hazardous locations.
The device may only be used with accessories approved by ecom instruments GmbH.
Observe the safety instructions.

(18) Essential health and safety requirements:

Met by standards.

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Certificates without signature and seal are void. This certificate is allowed to be distributed only if not modified. Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH. EPS 17 ATEX 1 069 X, Revision 0.