



**BUREAU
VERITAS**



(1) **EC-Certificate of Conformity**

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

(3) **EC-Certificate of Conformity Number:**

EPS 09 ATEX 1 222 X

(4) **Equipment:** Category 3 PDA Type: CN3 ATEX, CN3e ATEX

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

(6) **Address:** Industriestr. 2
97959 Assamstadt

(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 Product 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 09TH0365.

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

EN 60079-0:2006

EN 60079-11:2007


EN 61241-0:2006

EN 61241-11:2006

(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 EC 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 IIC T4
II 3D Ex icD 22 T130°C

Certification department of explosion protection

Türkheim, December 1, 2009


A. Hänchen





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Annexe

(13)

(14) **EC-Certificate of Conformity EPS 09 ATEX 1 222 x**

(15) Description of equipment:

The CN3 is a rugged industry PDA with IP64 protection for use in potentially explosive atmospheres in Zone 2 and 22. The ambient temperature range is from -20°C to +50°C.

Electric data:

Battery voltage: 3.7 Vdc
Maximum discharge current: 3.4 A

(16) Test report: 09TH0365

(17) Special conditions:

The test for impact according to EN 60079-0 Clause 26.4.2 was only done with the low impact energy. Therefore it has to be assured that the risk of mechanical danger is at a low level.

It has to be assured that the interface of the CN3e ATEX is protected by the provided "dust clip" when it is used in potentially explosive atmospheres.

For use in hazardous locations the manufacturer's safety precautions against electrostatic charges shall be respected.

(18) Essential health and safety requirements:

Met by standards.

Certification department of explosion protection

Türkheim, December 1, 2009



A. Hänchen



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VERITAS**



1. Amendment for Certificate of Conformity

- (1) EC-Certificate of Conformity Number

EPS 09 ATEX 1 222 X

- (2) Equipment: Category 3 PDA Type: CN3 ATEX, CN3e ATEX
(3) Manufacturer: ecom instruments GmbH
(4) Address: Industriestr. 2
97959 Assamstadt

- (5) Description:

As amendment to the CN3 ATEX devices the devices CN4 ATEX and CN4e ATEX can also be used in hazardous location Zone 2 and 22. The safety instructions of the CNx(e) ATEX series must be respected.

The marking of the CN4(e) ATEX devices shall include the following:



II 3G Ex ic op is IIC T4
II 3D Ex icD 22 T130°C

The test results of the extension are recorded in the confidential report 09TH0365 Rev. 1.

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

EN 60079-0:2006

EN 60079-11:2007

EN 61241-0:2006

EN 61241-11:2006

EN 60079-28:2007

Certification department of explosion protection

Türkheim, July 22, 2010





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2. Amendment for Certificate of Conformity

- (1) EC-Certificate of Conformity Number

EPS 09 ATEX 1 222 X

- (2) Equipment: Category 3 PDA Type: CN3(e) ATEX, CN4(e) ATEX
- (3) Manufacturer: ecom instruments GmbH
- (4) Address: Industriestr. 2
97959 Assamstadt
- (5) Description: RFID Reader type Snap-On RFID 510 –Ex may be connected to the main unit CN3(e) ATEX and CN4(e) ATEX PDA as accessory and solely be used in potentially explosive gas atmospheres.

The test results of the extension are recorded in the confidential report 09TH0365.

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

EN 60079-0:2006

EN 60079-11:2007

Certification department of explosion protection

Türkheim, August 16, 2010



A. Hänchen