



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEX EPS 13.0042X	issue No.:0	Certificate history: _____
Status:	Current		
Date of Issue:	2013-12-12	Page 1 of 3	
Applicant:	ecom instruments GmbH Industriestraße 2 97959 Assamstadt Germany		
Electrical Apparatus:	CN70A ATEX, CN70E ATEX, CK70A ATEX, CK71A ATEX		
Optional accessory:	Battery packs: AM CN70 ATEX 01, AM CK70 ATEX 01, AM CN70 ATEX 02, AM CK70 ATEX 02		
Type of Protection:	"ic"		
Marking:	Ex ic IIC T4 Gc Ex ic IIIB T130°C Dc IP54 -20°C ≤ T _{amb} ≤ +50°C Device: "Use only replaceable battery pack (xxx battery pack type)" Battery pack: "Use only on (xxx device type)" "WARNING For cleaning use damp cloth only! Do not charge in Ex-hazardous areas!"		
Approved for issue on behalf of the IECEx Certification Body:	Dieter Zitzmann		
Position:	Manager Certification		
Signature: (for printed version)	_____		
Date:	_____		

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany





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Manufacturer: **ecom instruments GmbH**
Industriestraße 2
97959 Assamstadt
Germany

Additional Manufacturing location
(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Explosive atmospheres - Part 0: General requirements

Edition: 6.0

IEC 60079-11 : 2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"

Edition: 6.0

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[DE/EPS/ExTR13.0045/00](#)

Quality Assessment Report:

[DE/PTB/QAR07.0004/02](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

PDA:

CN70A ATEX

CN70E ATEX

CK70A ATEX

CK71A ATEX

Battery pack:

AM CN70 ATEX 01 (1000AB01)

AM CK70 ATEX 01 (1001AB01)

AM CN70 ATEX 02 (1000AB02)

AM CK70 ATEX 02 (1001AB02)

CONDITIONS OF CERTIFICATION: YES as shown below:

X-Condition(s)

1. EN 60079-0:2012; 26.4.2 - Resistance to impact "low risk":
"The device has to be protected against strong impacts."
2. EN 60079-11:2012; Annex F; F.2 "use in controlled environment":
"The device must be protected from conductive pollution."
3. EN 60079-0:2012; 7.4.2 e) – Electrostatic Instructions
"In hazardous areas including IIC Gases it is only allowed to clean the unit with damp cloth."
4. Ambient temperature $-20^{\circ}\text{C} \leq T_{\text{amb}} \leq +50^{\circ}\text{C}$