



# 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](http://www.iecex.com)

Certificate No.: IECEx CNEX 16.0008X

Issue No: 0

Certificate history:

Issue No. 0 (2016-12-22)

Status: **Current**

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Date of Issue: **2016-12-22**

Applicant: **Taizhou Kangda Mechanical Manufacture Co. Ltd**  
Industrial Park, Chenbao Town, Xinghua City, Taizhou City, Jiangsu Province  
**China**

Equipment: **Cable glands model CT-KDSI**

*Optional accessory:*

Type of Protection: **flameproof enclosure 'db', increased safety 'eb', dust protection 'tb'**

Marking:

Ex db IIC Gb

Ex eb IIC Gb

Ex tb III C Db

*Approved for issue on behalf of the IECEx  
Certification Body:*

Wu Jianguo

*Position:*

Certification Officer

*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:

**CNEX-Global B.V.**  
**Utrechtseweg 310,**  
**6812AR, Arnhem**  
**The Netherlands**





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Date of Issue: **2016-12-22** Page 2 of 3  
Manufacturer: **Taizhou Kangda Mechanical Manufacture Co. Ltd**  
Industrial Park, Chenbao Town, Xinghua City, Taizhou City, Jiangsu Province  
**China**

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 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:

<b>IEC 60079-0 : 2011</b> Edition:6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-1 : 2014-06</b> Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
<b>IEC 60079-31 : 2013</b> Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
<b>IEC 60079-7 : 2015</b> Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increased safety "e"

*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:

[NL/CNEX/ExTR16.0008/00](#)

Quality Assessment Report:

[NO/NEM/QAR16.0007/00](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

Cable glands for use with circular non-armoured cables, made of brass or stainless steel, constructed in type of explosion protection flame proof enclosure 'db' or increased safety 'eb', or dust protection 'tb'. The cable glands are fitted with a sealing ring between gland and equipment and a locking nut. The cable sealing is maintained by two sealing rings.

### Nomenclature for model CT-KDSlab:

- CT - Gland with sealing ring
- KDS - Company code
- l - Type
- a - Specification (size 1 – 10, M20 – M100)
- b - Thread specification (M: Metric, N: NPT)

### Installation Instructions:

See instruction manual.

### Descriptive Documents:

Detailed in the Test report cover sheet. (ref. CQST/ExTR1604G004)

### Additional Information:

The cable glands have passed the tests for IP68 (2m/24h) and IP64.

### SPECIFIC CONDITIONS OF USE: YES as shown below:

The operating temperature range is limited to -40°C ... +100°C.

The cable glands shall be installed with the sealing ring between gland and housing and with locking nut, installed in accordance with the instructions manual.

The cable glands shall be tightened with the torques specified in the installation manual.