



# 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 KEM 06.0040X**

Issue No.: **0**

Status: **Current**

Date of Issue: **2006-09-29**

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Applicant: **Young Tech Co., Ltd**  
662-8, Pungmu-Dong  
Kimpo-City, Kyunggi-Do  
**Korea, Republic of**

Electrical Apparatus: **Valve positioner**  
Optional accessory:

Type of Protection: **Ex d**

Marking: **Ex d IIB T6**

Approved for issue on behalf of the IECEx  
Certification Body:

C.G. van Es

Position:

Certification Manager

Signature:  
(for printed version)

Date:

  
2006-09-29

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:

**KEMA Quality B.V.**

Utrechtseweg 310  
6812 AR Arnhem  
The Netherlands





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Manufacturer: **Young Tech Co., Ltd**  
662-8, Pungmu-Dong  
Kimpoo-City, Kyunggi-Do  
**Korea, Republic of**

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 manufacture'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:

|                                           |                                                                                        |
|-------------------------------------------|----------------------------------------------------------------------------------------|
| <b>IEC 60079-0 : 2004</b><br>Edition: 4.0 | Electrical apparatus for explosive gas atmospheres - Part 0: General requirements      |
| <b>IEC 60079-1 : 2001</b><br>Edition: 4   | Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures 'd' |

*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/KEM/ExTR06.0041/00

Quality Assessment Report:

NL/KEM/QAR06.0019/00



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## Schedule

### EQUIPMENT:

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

The Valve Positioner Model YT-2400..H.... is used to control actuators in process control applications

Ambient temperature range: -20 °C ... +60 °C.

### Electrical data

Supply..... max. 10 Vdc, 4 – 20 mA.

### CONDITIONS OF CERTIFICATION: YES as shown below:

In accordance with section 5.2.2. of IEC 60079-1. The constructional gaps ( $i_c$ ), being less than those required by table 1, have been specified in drawing S 2400-03 (Flame paths drawing) which is part of the test documentation belonging to above mentioned test report.