



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 KTL 09.0004X

Issue No: 2

Certificate history:

Status: **Current**

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Issue No. 2 (2014-03-07)

Date of Issue: **2014-03-07**

Issue No. 1 (2010-08-30)

Issue No. 0 (2009-11-26)

Applicant: **I-Tork Controls Co., Ltd**
74-6, Chunui-dong, Wonmi-gu, Bucheon-si, Gyeonggi-do
Korea, Republic of

Electrical Apparatus: **ITS series(Position Monitoring Switch)**

Optional accessory:

Type of Protection: **Flameproof enclosure 'd'**

Marking: Ex d IIC T6 Gb IP67

Approved for issue on behalf of the IECEx
Certification Body:

Jae-Hee Kim

Position:

Certification Manager

Signature:
(for printed version)

Date:

2014. 03. 07

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:

Korea Testing Laboratory
222-13, Guro-Dong, Guro-Gu
Seoul, 152-718
Korea, Republic of





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Manufacturer: **i-Tork Controls Co., Ltd**
74-6, Chunui-dong, Wonmi-gu, Bucheon-si, Gyeonggi-do
Korea, Republic of

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 : 2007-10 Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 5

IEC 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition: 6

*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:

[KR/KTL/ExTR09.0004/01](#)

Quality Assessment Report:

[KR/KTL/QAR09.0004/02](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Position monitoring switch of type ITS3** and ITS5** is used for visual indication of quarter turn rotating equipment. Optionally various electrical signals are provided.

The enclosure material of type ITS3** is aluminium alloy.

The enclosure material of type ITS5** is stainless steel.

-Cable entry option: 2-M25, 2-M20, 2-NPT 3/4, 2-G 3/4

CONDITIONS OF CERTIFICATION: YES as shown below:

- Potential electrostatic charging hazard - see instructions.
- Fasteners with property class A2-50 shall be used.
- For details on the flamepaths, the manufacturer shall be contacted.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

This new version of CoC is to permit the inclusion of additional models of ITS32T and ITS52T. These models are intended to be used as a junction box containing terminal block(s) inside the flameproof enclosure.