



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 16.0059X Issue No: 1 Certificate history:
Status: Current Page 1 of 4 Issue No. 1 (2016-12-15)
Date of Issue: 2016-12-15 Issue No. 0 (2016-10-21)
Applicant: Young Tech Co., Ltd.
81, Hwanggeum-ro, 89 Beon-gil, Yangchon-eup, Gimpo-si, Gyeonggi-do,
Korea, Republic of
Equipment: Electro-pneumatic valve positioner model YT-1000... and YT-1050...
Optional accessory:
Type of Protection: flameproof enclosure "d", encapsulation "m"
Marking: Ex db mb IIB T5 Gb

Approved for issue on behalf of the IECEx
Certification Body:

Dieter Zitzmann

Position:

Certification manager

Signature:
(for printed version)

Date:

2016-12-15



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: Young Tech Co., Ltd.
81, Hwanggeum-ro, 89 Beon-gil, Yangchon-eup Gimpo-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 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2014-06 Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-18 : 2014 Edition:4.0	Explosive atmospheres – Part 18: Equipment protection by encapsulation "m"

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/EPŠ/ExTR16.0058/01](#)

Quality Assessment Report:

[DE/EPŠ/QAR11.0002/05](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The electro-pneumatic valve positioners model YT-1000... and YT-1050... are used to control actuators in process control applications.

These electro-pneumatic valve positioners are also NEMA 4X.

Ambient temperature range: $-20\text{ }^{\circ}\text{C} \leq T_{\text{amb}} \leq +60\text{ }^{\circ}\text{C}$

The instructions provided with the equipment shall be followed in detail to assure safe operation.

Electrical data:

Rated voltage: 1 - 5 Vdc

Input current: 4 - 20 mA

CONDITIONS OF CERTIFICATION: YES as shown below:

For information on the dimensions of the flameproof joints the manufacturer shall be contacted.



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

Change in equipment description