



# Certificate of Compliance

**Certificate:** 1613814

**Master Contract:** 227951

**Project:** 70046048

**Date Issued:** 2016-03-25

**Issued to:** Young Tech Co. Ltd.  
3022 Hagun-ri  
Yangchon-myeon  
Gimpo-si  
Gyeonggi-do, 415-843  
SOUTH KOREA  
Attention: Min Soo Lee

*The products listed below are eligible to bear the CSA Mark shown*



**Issued by:** *Gino Surace*  
Gino Surace

## **PRODUCTS**

CLASS 2258-02 – PROCESS CONTROL EQUIPMENT – For Hazardous Locations

### **Ex d m IIB T5**

Electro-pneumatic valve positioner YT-1000

Used for linear operation of pneumatic linear valve actuators by means of electrical controller or control systems with analog output signal of 4 to 20 mA or split ranges. Ambient temperature range -40°C to 60°C

Note: Installation shall be in accordance to the Canadian Electrical Code CEC, Part 1, C22.1



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### **APPLICABLE REQUIREMENTS**

CSA C22.2 No. 0-10 (November 2014)	General requirements — Canadian Electrical Code, Part II
CAN/CSA-C22.2 No. 60079-0:11 (December 2011)	Explosive atmospheres – Part 0: Equipment – General requirements
CAN/CSA-C22.2 No. 60079-1:11 (December 2011)	Explosive atmospheres – Part 1: Equipment protection by flameproof enclosures “d”
CAN/CSA-C22.2 No. 60079-18:12 (February 2012)	Explosive atmospheres – Part 18: Equipment protection by encapsulation “m”

### **MARKINGS**

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

The following markings shall appear on all products (the aluminium marking plate is mounted to the enclosure by means of 4 screws):

1. The CSA Mark, as shown on page 1 of the Certificate of Conformity.
2. Manufacturer’s name, or CSA master contract number, adjacent to the CSA mark.
3. CSA 05.1613814
4. Method of Protection (Ex) markings: As specified in the PRODUCTS section above.
5. Temperature code: As specified in the PRODUCTS section above.
6. Model number: As specified in the PRODUCTS section above.
7. Electrical rating: As specified in the PRODUCTS section above.
8. Ambient temperature rating: As specified in the PRODUCTS section above.
9. Enclosure rating: As specified in the PRODUCTS section above.
10. Manufacturing date in MMY format, or serial number, traceable to year and month of manufacture.

The following wording is cast into the junction box cover:

1. The following words: “ A seal shall be installed within 2 in. (50mm) of the enclosure” and “Unscellement doit etre installe a moins de 2 in (50mm) du boiter”
2. Install the fuse of a rated short current less than 62mA to the control side.



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
70046048	Mar 25, 2016	Update to report 1613814 to lower ambient temperature from -20° to -40°C
1613814	Jan 25, 2005	Original CSA Certification of Electro-pneumatic valve positioner series YT-1000