

# (1) EU-TYPE EXAMINATION CERTIFICATE



- (2) Equipment and Protective Systems intended for use in Potentially Explosive Atmosphere - **Directive 2014/34/EU**
- (3) EU-Type Examination Certificate Number

**TÜV 17 ATEX 7797 X**

Issue: 01

- (4) Equipment: **Cable Glands for steel wire armoured cable Type(s): THT-2A\*UX\*\* Series**
- (5) Manufacturer: **TOP HI-TECH CO., LTD.**
- (6) Address: **9F.,No.1,Zhongshan Rd.,Tucheng Dist., New Taipei City 23680,Taiwan**

(7) This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) The TÜV Rheinland Zertifizierungsstelle für Explosionsschutz of TÜV Rheinland Industrie Service GmbH, Notified Body No. 0035 in accordance with Article 21 of the Council Directive 2014/34/EU of 26<sup>th</sup> February 2014, certifies this product which has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmosphere, given in Annex II to the Directive.

The examination and test results are recorded in the confidential report GC/Ex7797.01/17

(9) Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:

**EN 60079-0:2018    EN 60079-1:2014    EN 60079-7:2015/A1:2018    EN 60079-31:2014**

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and specification for construction of the equipment or protective system. It does not cover the process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.

(12) The marking of the equipment shall include the following:



**II 2 G Ex db IIC Gb  
II 2 G Ex eb IIC Gb  
II 2 D Ex tb IIIC Db**

TÜV Rheinland Zertifizierungsstelle für Explosionsschutz

Cologne, 2020-07-15



This EU-Type Examination Certificate without signature and stamp shall not be valid.

This EU-Type Examination Certificate may be circulated only without alteration. Extracts or alterations are subject to approval by the TÜV Rheinland Industrie Service GmbH TÜV Rheinland Group Am Grauen Stein 51105 Köln  
Tel. +49 (0) 221 806-0 Fax. + 49 (0) 221 806 114

(13) Annex

(14) **EU Type Examination Certificate**  
**TÜV 17 ATEX 7797 X** Issue: 01

(15) Description of equipment

15.1 Equipment and type:

Cable Glands for steel wire armoured cable. Type THT-2A\*UX\*\*

Model	THT	2A	N012	U	X	1504	00
	1	2	3	4	5	6	7

- 1 – Brand name
- 2 – Designates category of product, 2A = Cable glands for armoured cable.
- 3 – Thread type, N012 = NPT 1/2", N034 = NPT 3/4", N100 = NPT 1"  
 N114 = NPT 1-1/4", N112 = NPT 1-1/2", M020=M20 ,M025=M25  
 M032=M32 ,M040=M40 ,M050=M50
- 4 – Accessory type, U = Explosion proof accessories.
- 5 – Material, X = Stainless steel.
- 6 – Model name, 1504 = NPT 1/2", 1505 = NPT 1-1/4", 1508 = NPT 3/4"  
 1509 = NPT 1", 1510 = NPT 1-1/2", 1728 = Metric thread type
- 7 – Series No.

15.2 Description / Details of Change

General product information

Cable Glands for steel wire armoured cable, type THT-2A\*UX\*\*, is designed according to the standard structure of the EN 60079-0, EN 60079-1, EN 60079-7 and EN 60079-31. The suitable hazardous areas are zone 1, zone 2, zone 21 and zone 22. The cable gland is made by SUS 304. It is used for all types of steel wire armoured cables. The detailed installation instructions are referred to the user manual.

Details of Change:

- Update standard to EN 60079-0:2018.
- Update standard to EN 60079-7: 2015/A1:2018.
- Applicant address and Manufacturer address changed.
- Add new models provided with Metric and NPT threads. It shares the similar range of armoured cable related to the same body size. Adding new models of threads type and size:

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Model No.	Thread size C.
THT-2AM020UX172800	M20
THT-2AN034UX150800	NPT3/4"
THT-2AM025UX172800	M25
THT-2AM025UX172801	M25
THT-2AN100UX150900	NPT1"
THT-2AM032UX172800	M32
THT-2AN114UX150500	NPT1-1/4"
THT-2AM040UX172800	M40
THT-2AN112UX151000	NPT1-1/2"
THT-2AM050UX172800	M50

Refer to the user manual for detailed model list.

Type code:

Refer to Clause 15.1.

#### Technical Data

Thermal parameters:

Ambient temperature range: -40°C to +95°C

(16) Test-Report No. GC/Ex7797.01/17

(17) Special Conditions for safe use

1. The cable glands shall be applied for armoured cables application only.
2. The cable glands are intended use in service temperature range -40°C~95°C.
3. Cables must be effectively clamped to prevent pulling or twisting.

(18) Basic Safety and Health Requirements  
 Covered by afore mentioned standard

TÜV Rheinland Zertifizierungsstelle für Explosionsschutz

Cologne, 2020-07-15



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