



## EU - Type Examination Certificate

- (1) **EU - Type Examination Certificate**  
(2) **Equipment or Protective Systems Intended for Use  
in Potentially Explosive Atmospheres  
(Directive 2014/34/EU)**

(3) EU - Type Examination Certificate number:

**FTZÚ 16 ATEX 0053X**

- (4) Product: **Cable gland type ECG series**  
(5) Manufacturer: **GOLDEN MOUNTAIN ENTERPRISE CO., LTD**  
(6) Address: **No.9, LANE 133, XING-HUA ST., CHIEN CHEN DIST.- KAOHSIUNG 806, TAIWAN**  
(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.  
(8) The Physical-Technical Testing Institute, Notified Body number 1026, in accordance with Articles 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report number:

**16/0053 dated 21.06.2018**

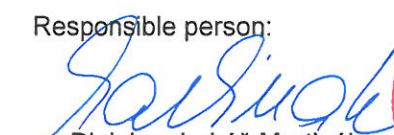
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
**EN 60079-0:2012+A11:2013, EN 60079-1:2014, EN 60079-31:2014**  
(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use specified in the schedule to this certificate.  
(11) This certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.  
(12) The marking of the product shall include the following:

 **II 2G Ex db IIC Gb**

 **II 2D Ex tb IIIC Db**

This certificate is valid till: **30.06.2023**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



Date of issue: 22.06.2018

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This certificate is granted subject to the general conditions of the FTZÚ, s.p.  
This certificate may only be reproduced in its entirety and without any change, schedule included.



Physical-Technical Testing Institute  
Ostrava - Radvanice

(13) **Schedule**

(14) **EU - Type Examination Certificate No. FTZÚ 16 ATEX 0053X**

(15) Description of Product:

The ECG series cable glands are designated into electrical equipments with Ex db or Ex tb enclosures. The cable glands consist of a fittings body with o-ring , circular sealing ring, a pressing nut with clamping and washers. The metal parts are made from stainless steel.

**Technical parameters:**

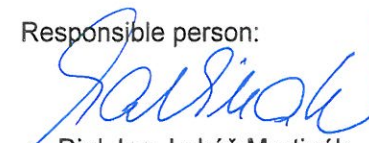
Body type	Ø of cable range [mm]	Inner Ø of sealing ring [mm]	Thread „male“	
			„M“	„NPT“
ECG 20	6-8	8	M20x1,5	1/2"
	8-10	10		
	10-12	12		
ECG 25	10-12	12	M25x1,5	3/4"
	12-14	14		
	14-16	16		
ECG 32	16-18	18	M32x1,5	1"
	18-20	20		
	20-22	22		
ECG 40	22-24	24	M40x1,5	1 1/4"
	24-26	26		
	26-28	28		
ECG 45	28-30	30	M45x1,5	1 1/2"
	30-32	32		
	32-34	34		

(16) Report Number.: 16/0053

(17) Specific Conditions of Use:

1. Service temperature range:  $-25^{\circ}\text{C} \leq T_s \leq +75^{\circ}\text{C}$ .
2. The thread-holes in flameproof enclosures, in with the cable entries with distance piece screwed in, must fulfil the minimum requirements of EN 60079-1, section 5.3 under consideration of Annex C.2.2.
3. When mounting the cable glands, the constructive details of manufacturer have to be observed.

Responsible person:

  
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Head of Certification Body



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Physical-Technical Testing Institute  
Ostrava - Radvanice

(13)

Schedule

(14) **EU - Type Examination Certificate No. FTZÚ 16 ATEX 0053X**

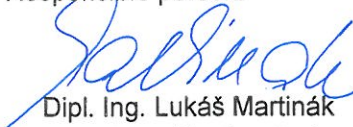
(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (9) of this certificate.

(19) Drawings and Documents:

Number	Sheets	Issue	Date	Description
--	1	--	15.06.2018	Ex-Description
--	4	--	15.06.2018	User manual
GM-ECG-01	1	1	05.05.2015	Drawing – Legend of part
GM-ECG-02	1	1	15.03.2016	Label - drawing
ECG-A-01	1	--	16.04.2012	Dimension 1 Drawing ECG-20
ECG-A-02	1	--	16.04.2012	Assembly Drawing ECG-20
G-0	1	--	16.04.2012	Exploded Drawing ECG-20
G-1	1	--	16.04.2012	Dimension 2 Drawing ECG-20
G-2	1	--	16.04.2012	Parts Drawing ECG-20
ECG-A-01	1	--	16.04.2012	Dimension 1 Drawing ECG-25
ECG-A-02	1	--	16.04.2012	Assembly Drawing ECG-25
G-0	1	--	16.04.2012	Exploded Drawing ECG-25
G-1	1	--	16.04.2012	Dimension 2 Drawing ECG-25
G-2	1	--	16.04.2012	Parts Drawing ECG-25
ECG-A-01	1	--	16.04.2012	Dimension 1 Drawing ECG-32
ECG-A-02	1	--	16.04.2012	Assembly Drawing ECG-32
G-0	1	--	16.04.2012	Exploded Drawing ECG-32
G-1	1	--	16.04.2012	Dimension 2 Drawing ECG-32
G-2	1	--	16.04.2012	Parts Drawing ECG-32
ECG-A-01	1	--	16.04.2012	Dimension 1 Drawing ECG-40
ECG-A-02	1	--	16.04.2012	Assembly Drawing ECG-40
G-0	1	--	16.04.2012	Exploded Drawing ECG-40
G-1	1	--	16.04.2012	Dimension 2 Drawing ECG-40
G-2	1	--	16.04.2012	Parts Drawing ECG-40
ECG-A-01	1	--	16.04.2012	Dimension 1 Drawing ECG-45
ECG-A-02	1	--	16.04.2012	Assembly Drawing ECG-45
G-0	1	--	16.04.2012	Exploded Drawing ECG-45
G-1	1	--	16.04.2012	Dimension 2 Drawing ECG-45
G-2	1	--	16.04.2012	Parts Drawing ECG-45

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