

[1] **EU - TYPE EXAMINATION CERTIFICATE**  
[2] **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**  
**Directive 2014/34/EU Annex III, Module B**

- [3] EU – Type Examination Certificate Number ACE25ATEX023X Rev00
- [4] Product GLA, GLN Cable Gland Series
- [5] Manufacturer Abar Sanat Aryaman
- [6] Address Unit 1002, 10th Floor, No. 53, Sepehr Sae Tower,  
Mostofi St, Yousef Abad, Tehran, Iran
- [7] This equipment or protective system and any acceptable variation there to are specified in the schedule to this certificate and the documents therein referred to.
- [8] Advanced Consulting and Engineering Iberia SL (A.C.&E. Iberia S.L.), Notified body Accreditation nº: NB3024 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and Council, dated 26 February 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 nº.  
EX\_EXD012\_25\_25-906, EX\_EXE011\_25\_25-906, EX\_EXT008\_25\_25-906
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
EN 60079-0:2018 : Explosive atmospheres — Part 0: Equipment — General requirements  
EN 60079-1:2014: Explosive atmospheres — Part 1: Equipment protection by flameproof enclosures ‘d’  
EN 60079-7: 2015/A1:2018: Explosive atmospheres - Part 7: Equipment protection by increased safety ‘e’  
EN 60079-31:2014: Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure ‘t’
- [10] If the sign “X” is placed after the certificate number, it indicates that the product is subject to the Special Conditions for Use specified in the point 17 of This certificate.
- [11] This EU – Type Examination 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 equipment or protective system shall include the following:



II 2G Ex db eb IIC Gb Tamb: -30°C, +130°C

II 2D Ex tb IIIC Db Tamb: -30°C, +130°C

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Date: 11/07/2025

**Advanced Consulting and Engineering****Iberia SL**

Notified Body No NB3024

Matteo Marconi, CEO

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[13] **SCHEDULE**

[14] EU-Type Examination Certificate No: ACE25ATEX023X Rev00

[15] Description of equipment

The GLA, GLN series types of cable glands consist of a male threaded front entry component containing an elastomeric sealing device for fitting which effect flameproof sealing into the cable inner sheath is intended to screw into an entry point of appropriate electrical enclosures that available in various forms and sizes. The GLA series cable glands have compression ring and a clamping ring for effective clamping of the armoured cables (single wire, braided wire, braided marine shipboard, tape, strip lead sheathed).

Entry cable gland thread forms:

- Metric threads with a medium tolerance quality according to ISO 965-1(6g)
- NPT threads requirment of ANSI/ASME B1.20.1

Model description:

**GLN/GLA AAA B CC**

GLN for non-armoured cables/GLA for armoured cables and armoured leadshethed cables

AAA: Thread size

ISO		NPT	
M12	12mm	N025	¼"
M16	16mm	N038	3/8"
M20	20mm	N050	½"
M25	25mm	N075	¾"
M32	32mm	N100	1"
M40	40mm	N125	1-1/4"
M50	50mm	N150	1-1/2"
M63	63mm	N200	2"
M75	75mm	N250	2-1/2"
M90	90mm	N300	3"
M100	100mm	N350	3-1/2"
M110	110mm	N400	4"

B Cable sealing range (1,2,3)

CC: Material (NP: Nickel plated brass, SS: Stainless steel)

Degree of protection (IP): IP66/68

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[13] **SCHEDULE**

[14] EU – Type Examination Certificate No: ACE25ATEX023 Rev00

[16] Test documents are listed in the test report nº  
25/Ex db, Ex eb, Ex tb/9165/C, Ver:00

[17] Special conditions for safe use

- 1- The Ex-cable glands intended to be a part of ex equipment which is not intended to be used alone, and requires additional consideration when incorporated into Ex equipment
- 2- The installation must be in accordance with the requirements of IEC 60079-14: latest version and installation instruction provided by the manufacturer.
- 3- Service temperature range: -30°C to +130°C

[18] Essential Health and Safety Requirements  
Are fulfilled by the harmonized standard

Documents and technical datasheets:

Title	Object	Revision	Date
Technical file	ASA-ACE-Gland	2025-04-30	Technical file
Test report	25/Ex db, Ex eb, Ex tb/9165/C, Ver:00	2025-05-03	Test report
Instruction	Annex 3_User manual	2025-04-30	Instruction
Drawing	GLA	2020-04-07	Drawing
Drawing	GLN	2023-11-18	Drawing

The above-mentioned documents are strictly confidential and they are of only use of authorities.  
A copy of the documents is saved by A.C.&E. Iberia S.L.

[20] Certificate History

Certificate Number	Rev.	Comments	Date
ACE25ATEX023X	00	First issue	11/07/2025

Date: 11/07/2025



**Advanced Consulting and Engineering  
Iberia SL**  
Notified Body No NB3024

Matteo Marconi, CEO

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