

[1] **EU - TYPE EXAMINATION CERTIFICATE**

[2] **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**
Directive 2014/34/EU

- [3] EU – Type Examination Certificate Number ACE26ATEX018X Rev00
- [4] Product Explosion-proof Control Box Model: EXMQ 940-*
- [5] Manufacturer Changzhou Meiquan Electronics Co., Ltd.
- [6] Address No. 74, Changzheng Road, Zhenglu Town, Tianning District, Changzhou City, Jiangsu Province, China
- [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 the confidential Report nº. EX_GEN009_26_26-526, EX_EXD008_26_26-526, EX_EXT007_26_26-526
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN IEC 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 60079-31:2014: 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 IIC T6 Gb, II 2D Ex tb IIIC T80°C Db

This Declaration of conformity may only be reproduced in its entirety and without any change, including schedules.

Date: 27/07/2026



**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: ACE26ATEX018X Rev00

[15] Description of equipment

The EXMQ940 Explosion-proof Control Box consists of a cover(304/316L), an enclosure (304/316L), connectors and corresponding accessories(304/316L).The EXMQ940 Explosion-proof Control Box (hereinafter referred to as the explosion-proof control box) is mainly used in hazardous environments with explosive gases and dust. Internally, it can serve for wiring and control of front-end equipment and contains a control board with a power supply. Both external and internal earthing are provided. Brushed surface finish on the enclosure and the cover. It can be installed indoors or outdoors. Typical hazardous sources include: Hydrogen, Acetylene, Ethylene, Ethanol (Alcohol), Coke Oven Gas, Wood Dust, Metal Dust. etc. the suitable application location for it as below: For gas is zone 1 and zone 2, this Explosion-proof Control Box for gas group, it is IIC; for gas protection, it is Gb.For dust is zone 21 and zone 22, this Explosion-proof Control Box for dust group,it is IIIC; for dust protection, it is Db.

Rated ambient temperature range: -40°C ~ 60°C

Ingress protection: IP66/ IP68(2m/2h)

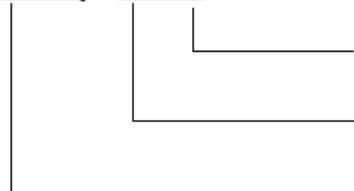
Electrical Parameters:

Rated Voltage: AC110V-220V 50/60Hz

Rated Current: ≤50A

Model designation explanation:

EXMQ 940 - *



Product Configuration: a/b/c/d/e/f/g

Product Design Number: Control Box

Product Category: Explosion-proof

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[13]

SCHEDULE

[14]

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Test documents are listed in the test report nº
EX_GEN009_26_26-526, EX_EXD008_26_26-526, EX_EXT007_26_26-526

[17]

Special conditions for safe use

1. Strictly prohibit opening the explosion-proof control box for installation, maintenance, or other operations while it is powered on.
2. WARNING - DO NOT OPEN WHEN ENERGIZED.
3. WARNING – DO NOT OPEN WHEN AN EXPLOSION ATMOSPHERE IS PRESENT.
4. CAUTION - USE FASTENERS WITH YIELD STRESS $\geq 450\text{MPa}$.
5. The cable entry sizes of the enclosure are M20x1.5, M25x1.5, M27x1.5, M32x1.5, 1/2 NPT, 3/4 NPT, 1 NPT. The cable glands used in the equipment are not in the scope of this certification. Cable glands used shall be ATEX certified. Operating ambient temperature, description of equipment, special conditions for safe use and IP rating in the certificate shall be observed. The cable entry of the enclosure is threaded, install suitable cable gland.
6. The flameproof joints are not intended to be repaired.

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Essential Health and Safety Requirements
Are fulfilled by the harmonized standard

[19]

Documents and technical datasheets:

Title	Object	Revision	Date
EXPLOSION-PROOF CONTROL BOX	EXMQ940-00	V1.0	2026.3.3
COVER ASSY	EXMQ940-10	V1.0	2026.3.3
ENCLOSURE1	EXMQ940-20.20	V1.0	2026.3.3
ENCLOSURE2	EXMQ940-20.30	V1.0	2026.3.3
ENCLOSURE ASSY	EXMQ940-20	V1.0	2026.3.3
PRODUCT CONFIGURATION a	EXMQ940-06-01	V1.0	2026.3.3
PRODUCT CONFIGURATION b	EXMQ940-06-02	V1.0	2026.3.3
PRODUCT CONFIGURATION c	EXMQ940-06-03	V1.0	2026.3.3
PRODUCT CONFIGURATION d	EXMQ940-06-04	V1.0	2026.3.3
PRODUCT CONFIGURATION e	EXMQ940-06-05	V1.0	2026.3.3
PRODUCT CONFIGURATION f	EXMQ940-06-06	V1.0	2026.3.3

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PRODUCT CONFIGURATION g	EXMQ940-06-07	V1.0	2026.3.3
NAMEPLATE	EXMQ940-00-001	V1.0	2026.3.3
EXMQ940 EXPLOSION-PROOF CONTROL BOX USER MAUNAL	/	/	/
CONNECTOR	M20-10-01	/	2026.3.3
CONNECTOR	M25-10-01	/	2026.3.3
CONNECTOR	M27-10-01	/	2026.3.3
CONNECTOR	M32-10-01	/	2026.3.3
CONNECTOR	NPT1/2-10-01	/	2026.3.3
CONNECTOR	NPT3/4-10-01	/	2026.3.3
CONNECTOR	NPT1"-10-01	/	2026.3.3
Certificate of Analysis Q5165	/	/	2025.6.18
Cementing process specification	MQ-JZ1	A	2025.5.1
Certificate of Analysis	2025814001	/	2025.8.14
MILL TEST CERTIFICATE 304	/	/	2025.1.18
INSPECTION CERTIFICATE 316L	/	/	2024.9.18
Specifiecton of Internal Devices	/	/	/
Table of electrical components for all configuration	/	/	2026.4.30

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

[20] Declaration of conformity History

Number of certificate	Rev.	Comments	Date
ACE26ATEX018X	00	First emission	27/07/2026

Date: 27/07/2026



Advanced Consulting and Engineering

Iberia SL

Notified Body No NB3024

Matteo Marconi, CEO

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