

# 防爆合格证

## Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY



国家防爆

**Manufacturer** Sun Yeh Electrical Ind. Co., Ltd.  
Address: No.68, Lane 854, Sec. 1, Shatian Rd., Dadu District, Taichung City, 432, Taiwan

**Product** Explosion-proof Quarter-Turn Actuators

**Type** OME-□-□-□-□

**Marking** Ex db IIB T4 Gb, Ex tb IIIC T130°C Db

**Standard(s)** --

**Drawing No.** Ex10032, Ex10036, Ex10043, Ex10044, Ex10047, Ex10048, Ex10049, Ex10050, Ex10051

The drawings, technical documents and the samples are verified and certified according to standard(s) for safety as below:

- GB/T3836.1-2021 Explosive atmospheres - Part 1: Equipment - General requirements
- GB/T3836.2-2021 Explosive atmospheres - Part 2: Equipment protection by flameproof enclosures "d"
- GB/T3836.31-2021 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

**Note:**

See Annex (1 pages in total).

**Director**

**Date:**

2022-09-14

**Valid until:**

2027-09-13



南阳防爆电气研究所  
NANYANG EXPLOSION PROTECTED ELECTRICAL APPARATUS RESEARCH INSTITUTE  
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注: 本证书仅对与认可文件和样品一致的产品有效。

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Note: This certificate is only valid for products which are identical with the sample(s) tested and verified. Holder of this certificate has the responsibility to ensure the products comply with relevant standards.



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# 防爆合格证 (附页)

## Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY

1.This product has been certified, under certificate number IECEx SIR 17.0062X, issue 3, dated 2022-06-28.

2.Type designation:

OME-1-□-□-□, OME-A-□-□-□, OME-AM-□-□-□, OME-2-□-□-□, OME-3-□-□-□,  
OME-4-□-□-□, OME-5-□-□-□, OME-6-□-□-□, OME-7-□-□-□, OME-8-□-□-□

OM	E	-	□	-	□	-	□	-	□
①	②		③		④		⑤		⑥

- ①Stands for Quarter-Turn Actuator
- ②Stands for Explosion-proof
- ③Stands for type (1, A, AM, 2, 3, 4, 5, 6, 7, 8)
- ④Stands for voltage (D12 stands for 12V DC, 12 stands for 12V AC, D24 stands for 24V DC, 24 stands for 24V AC, 100 stands for 100V AC, 120 stands for 110~120V AC, 200 stands for 200V AC, 220 stands for 220~240V AC)
- ⑤Stands for controlling method (M stands for Modulating, F stands for Floating)
- ⑥Duty rating: 30, 75

3.Voltage: 12V DC, 24V DC, 12V AC, 24V AC, 100V AC, 110~120V AC, 200V AC, 220~240V AC

4.Frequency: 50/60Hz

5.Max. Torque: 35Nm, 50Nm, 90Nm, 150Nm, 400Nm, 500Nm, 650Nm, 1000Nm, 1500Nm

6.IP Degree:

Models	IP Degree
OME-1-□-□-□, OME-A-□-□-□, OME-AM-□-□-□	IP66/IP68(72h, 7m)
OME-2-□-□-□, OME-3-□-□-□, OME-4-□-□-□, OME-5-□-□-□, OME-6-□-□-□, OME-7-□-□-□, OME-8-□-□-□	IP68(72h, 7m)

7.Specific conditions of safety use:

- 1) Ambient temperature: -30℃~ +70℃.
- 2) The flamepaths in this equipment are different to the standard dimensions given in GB/T 3836.2. If specific flamepath dimensions are required then the manufacturer (OEM) must be contacted.
- 3) Caution - Use fasteners with yield stress ≥ 450MPa.

Director

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