



国家防爆

防爆合格证

Electrical Apparatus for Explosive Atmospheres
CERTIFICATE OF CONFORMITY

Manufacturer Sun Yeh Electrical Ind. Co., Ltd.
Address: No.68, Lane 854, Sec. 1, Shatian Rd., Dadu District, Taichung City, 432403, 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 page in total).

Director

Date: 2024-06-17

Valid until: 2027-09-13



南阳防爆电气研究所有限公司
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)

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1.This product has been certified, under certificate number IECEx SIR 17.0062X, issue 4, dated 2023-12-14.

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.Ingress protection: IP66/IP68(72h, 7m)

7.Specific conditions of safety use:

1) Ambient temperature: -30°C~+70°C.

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 $\geq 450\text{MPa}$.

8.Update the certificate to add the ingress of protection IP66 for models OME-2-□-□-□, OME-3-□-□-□, OME-4-□-□-□, OME-5-□-□-□, OME-6-□-□-□, OME-7-□-□-□, OME-8-□-□-□.

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