



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX QCM 12.0047** issue No.: **0** Certificate history:

Status: **Current**

Date of Issue: **2012-12-28** Page 1 of 3

Applicant: **WUXI ST. HANS AIR CONTROLS E/I CO., LTD**
No. 48 Xihong Road, Meicun Industrial Park, Wuxi, Jiangsu, P.R. China
Postal code: 214112
China

Electrical Apparatus: **ALPHA Series Limit Switch ALS-500M, 600M**
Optional accessory:

Type of Protection: **Flameproof enclosures "d"**

Marking: **Ex d IIB T6**
IP66
Tamb: -20°C ~ +50°C

Approved for issue on behalf of the IECEx
Certification Body: **Zhang Wei**

Position: **General Manager**

Signature:
(for printed version)

Date: **2012-12-28**

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

China Quality Mark Certification Group Co., Ltd.
No. 33 Zengguang Road, Haidian District,
Beijing City, Postal code: 100037
China





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Manufacturer: **Wuxi Aphe Flow Smart Controls Maker Co.,Ltd.**
A 4-406 Standard Factory, Li Yuan Economic Developing District, Wuxi, Jiangsu,
P.R. China
Postal Code: 214000
China

Additional Manufacturing location
(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2004 Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
Edition: 4.0

IEC 60079-1 : 2003 Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosure 'd'
Edition: 5

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:
CN/CQM/ExTR09.0009/00

Quality Assessment Report:

CN/CQM/QAR12.0008/00



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description of equipment

The ALPHA series limit switch model ALS-500M / 600M indicates the status of the valve position at field and can also provide current feedback to the microcomputer to indicate the valve position. The type of protection of the equipment is flameproof enclosures "d".

Type code designation

ALS-□00M : 5- Aluminium alloys enclosure; 6- Stainless steel enclosure

Rating

125-250VAC, 15A

IP66

Tamb: -20°C ~ +50°C

CONDITIONS OF CERTIFICATION: NO