



# 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](http://www.iecex.com)

Certificate No.: IECEx LCIE 16.0011X

Issue No: 1

Certificate history:

Issue No. 1 (2019-08-01)

Issue No. 0 (2017-03-29)

Status: Current

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Date of Issue: 2019-08-01

Applicant: SOLOON CONTROLS (BEIJING) CO., LTD.  
No.15 Xingsheng Street, Economy and Technology Development District, Beijing  
China

Equipment: Explosion-proof Actuator  
Optional accessory: ExS8061NS Series and ExS8061SF Series

Type of Protection: Ex db, tb

Marking:  
Ex db IIB T6 Gb  
Ex tb III C T85°C Db  
(refer to the attachment for full marking)

Approved for issue on behalf of the IECEx  
Certification Body:

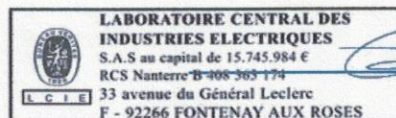
Julien Gauthier

Position:

Certification Officer

Signature:  
(for printed version)

Date:



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:

Laboratoire Central des Industries Electriques (LCIE)  
33 Avenue du General Leclerc  
FR-92260 Fontenay-aux-Roses  
France





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Manufacturer: SOLOON CONTROLS (BEIJING) CO., LTD..  
No.15 Xingsheng Street, Economy and Technology Development District, Beijing  
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 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 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2014-06 Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

*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:

FR/LCIE/ExTR16.0018/00 FR/LCIE/ExTR19.0078/00

#### Quality Assessment Report:

FR/LCIE/QAR16.0009/02



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

Ex S6061NS Series Explosion-proof Actuator and ExS6061SF Series have the same structure. All the product are composed of two part, one enclosure is for dust-proof, another one is inside the above enclosure, this enclosure is protected by "db". The outside enclosure material is aluminium alloy. The material of inside enclosure protected by "db" Zinc alloy. The electrical circuit is installed inside the enclosure protected by "db", the reduced is installed outside the enclosure "tb".

See the annex of the certificate for full decription.

### SPECIFIC CONDITIONS OF USE: YES as shown below:

- Repair of the flanged joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in table 3 and table 4 of IEC 60079-1 (Ed.7.0),
- The entry shall be equipped with Ex certified cable glands with a compatible mode of protection for the intended use,
- When assembly, operation and maintenance, the operator should follow the requirements of IEC 60079-14, beside of the instruction manual,
- Repair and overhaul shall comply with IEC 60079-19.



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## DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

### Issue 1:

Change the name of manufacturer.

Update standards according to IEC 60079-1 (Ed 7.0)

Clarification of the range details.

### Annex:

[Annex 01 to IECEx LCIE 16.0011X v01.pdf](#)