



# 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 LC 17.0001X

Issue No: 0

Certificate history:

[Issue No. 0 \(2017-08-07\)](#)

Status: **Current**

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Date of Issue: **2017-08-07**

Applicant: **SCHIEBEL ANTRIEBSTECHNIK GMBH**  
Josef-Benc-gasse 4 1230  
Vienna  
**Austria**

Equipment: **Rotary Actuator for industrial applications**

*Optional accessory:*

Type of Protection: **d,e, tb**

Marking:

Model No.: exCM03.V.1.2E  
IECEX LC 17.0001X  
Ex de IIC T4 (T6) Gb, Ex tb IIIA Db  
90-240 VAC 50-60Hz, 1.47Amps  
-40°C ≤ Ta ≤ +60°C  
-40°C ≤ Ta ≤ +40°C  
IP54

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

Kavinder Dhillon

*Position:*

Certification Manager

*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](#).

Certificate issued by:



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LabTest Certification Inc.  
3133-20800 Westminster Hwy.  
Richmond, British Columbia  
V6V 2W3  
Canada





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Manufacturer: **SCHIEBEL ANTRIEBSTECHNIK GMBH**  
Josef-Benc-gasse 4 1230  
Vienna  
**Austria**

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:

<b>IEC 60079-0 : 2011</b> Edition:6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-1 : 2007-04</b> Edition:6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
<b>IEC 60079-31 : 2008</b> Edition:1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
<b>IEC 60079-7 : 2015</b> Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increased safety "e"

*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:

[CA/LC/ExTR17.0001/00](#)

Quality Assessment Report:

[CA/LC/QAR17.0001/00](#)



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## Schedule

### EQUIPMENT:

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

Model No.: exCM03.V.1.2E

90-240 VAC 50-60Hz, 1.47Amps

$-40^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$

$-40^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$

IP54



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

- The yield stress of the screws for the flameproof enclosure must exceed 400 N/mm<sup>2</sup>
- Flameproof Control and Motorbox "d" shall always be assembled with the oil filled gearbox.

Temperature Class: T4 or T6

- General standard temperature class T4
- Ambient temperature -20°C to +40°C or -40°C to +60°C
- The protection device/temperature limiter S-125 has the response temperature of 130°C

Special design with temperature class T6:

- Ambient temperature -20°C to +40°C or -40°C to +40°C

The protection device/temperature limiter SF76E has the response temperature of 76°C