



# 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 15.0077U Issue No: 0 Certificate history:  
Issue No. 0 (2016-03-06)

Status: **Current** Page 1 of 3

Date of Issue: **2016-03-06**

Applicant: **SIB - Schlemmer Industry & Building Parts**  
25 Rue Théophile Somborn  
57 220 BOULAY  
France

Equipment: **Plug, Reducer, Enlarger, Type EEX e**  
*Optional accessory:*

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

Marking:  
Ex eb IIC  
Ex tb IIIC

*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





# IECEx Certificate of Conformity

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Date of Issue: 2016-03-06 Page 2 of 3  
Manufacturer: **SIB - Schlemmer Industry & Building Parts**  
25 Rue Théophile Somborn  
57 220 BOULAY  
France

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 60079-31 : 2013</b> Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
<b>IEC 60079-7 : 2006-07</b> Edition:4	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:

[FR/LCIE/ExTR15.0175/00](#)

Quality Assessment Report:

[FR/LCI/QAR10.0003/07](#)



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## Schedule

### EQUIPMENT:

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

The Ex components, plug, reducer and enlarger are intended to mount on "e" increased safety and Ex "t" enclosure with plain or threaded entry. In the case of a plain entry a lock nut must be used. Sealing is provided by a flat seal. The degree of protection is IP64. The Ex components are the following:

Component	Type	Implantation length (mm)	Size	Material
Plug	EEX e	10, 12, 15	M20 / M25	Stainless steel, brass or nickel-plated brass
Reducer		8		
Enlarger		6.5		

Rated service temperature range:  $-20^{\circ}\text{C} \leq T_{\text{service}} \leq +80^{\circ}\text{C}$

Schedule of Limitations: The mounting of accessories on an enclosure must comply the mounting prescriptions indicated in the documents of the manufacturer.

### Complete marking:

SIB - Schlemmer Industry & Building Parts

Address : ...

Type : EEX e

Model: ...

Serial number : ...

Year of construction : ...

Ex eb IIC

Ex tb IIIC

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$-20^{\circ}\text{C} \leq T_{\text{service}} \leq +80^{\circ}\text{C}$

### Reduced marking:

SIB

Type : EEX e

Ex eb IIC

Ex tb IIIC

IECEx LCIE 15.0077U

**CONDITIONS OF CERTIFICATION: NO**