



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 LCI 10.0009U

issue No.:1

Certificate history:

Issue No. 1 (2015-5-7)

Issue No. 0 (2010-5-11)

Status:

Current

Date of Issue:

2015-05-07

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Applicant:

S.I.B (Schlemmer Industry & Building Parts)

25 Rue Théophile Somborn
57220 BOULAY - MOSELLE
France

Electrical Apparatus:
Optional accessory:

Cap, reducer and amplifier. Type EEx e

Type of Protection:

Ex e, Ex tb

Marking:

Ex eb IIC
Ex tb IIIC
IP6X
IECEX LCI 10.0009U
(Full marking is available in annex)

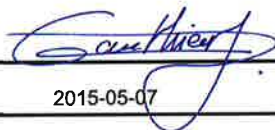
Approved for issue on behalf of the IECEx
Certification Body:

Julien Gauthier

Position:

Certification Officer

Signature:
(for printed version)



Date:

2015-05-07

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:

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

Documents relative to LCIE certification activities (Certificates, QARs, ExTRs) can be registered under the references "LCI" or "LCIE".





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Manufacturer: **S.I.B (Schlemmer Industry & Building Parts)**
25 Rue Théophile Somborn
57220 BOULAY - MOSELLE
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:

IEC 60079-0 : 2011 Edition: 6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-31 : 2008 Edition: 1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
IEC 60079-7 : 2006-07 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/LCI/ExTR10.0012/00

FR/LCI/ExTR10.0012/01

Quality Assessment Report:

FR/LCI/QAR10.0003/06



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description of the components :

Three different components :

- Caps type Ex "e" in plastic used to be fitted on entry (clearance hole or threaded hole) on wall of enclosure.
- Reducers and amplifiers type Ex "e" in plastic used in order to adapt a cable entry with a lower or higher diameter (clearance hole or threaded hole) than the cable entry hole.

All these components are in plastic material. The plastics materials used in the construction are : Polycarbonate (Ref A9541016) or Polyamide 6 (Ref A9380300 and A99380301) and neoprene. For each size and component, there is the possibility of an ISO metric thread pitch 1,5 mm (ISO 965 (1998)) or PG thread (UTE 68 311 (2000) ; UTE 68312 (2000)).

Schedule of limitation :

For the assembling of the caps, reducers or amplifiers on increased safety enclosures (for Gas atmospheres) or on "Ex t" protected enclosures (for Dust atmospheres), the fitting up and the assembling realized shall be in accordance with the descriptive documents of the manufacturer.

Operating service temperature :

- 20°C ≤ T_{service} ≤ + 55°C (For all the range)
- 35°C ≤ T_{service} ≤ +95°C (Polycarbonate referenced A9541016)
- 35°C ≤ T_{service} ≤ +90°C (Polyamide 6 referenced A9380300 and A9380301)

CONDITIONS OF CERTIFICATION: NO



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

Issue 00 (2010-05-11)

Initial assessment according to IEC 60079-0: Ed4 ; IEC 60079-7 Ed4 ; IEC 61241-0 Ed1 ; IEC 61241-1 Ed 1 standards

Issue 01

Normative updating according to the standards IEC 60079-0 Ed 6 ; IEC 60079-31 Ed 1 ; IEC 60079-7 Ed 4

Update of marking

Update of company name



**IECEX LCI 10.0009U issue 01
Annex n°01**



Marking :

SIB
Address
Type : EEx e
Serial number
Year of construction

Ex eb IIC
Ex tb IIIC
IP6X
IECEX LCI 10.0009U