



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.: 0 Certificate history:

Status: Current

Date of Issue: 2010-05-11 Page 1 of 3

Applicant: **S.I.B-A.D.R**
50, rue du capitaine Maillard
B.P 40
57220 BOULAY
France

Electrical Apparatus: **Cap, reducer and amplifier.**
Optional accessory:

Type of Protection: "e", "tD".

Marking: **SIB – ADR**
Type : EEx e
Ex e II
Ex tD A21 IP6X
IECEx LCI 10.0009U

Approved for issue on behalf of the IECEx
Certification Body: Michel EQUI

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:

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



LCIE



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Manufacturer: **S.I.B-A.D.R**
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57220 BOULAY
France

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 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-7 : 2006-07 Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
IEC 61241-0 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
IEC 61241-1 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "ID"

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

Quality Assessment Report:

FR/LCI/QAR10.0003/00



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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 plastics used to be fitted on entry (clearance hole or threaded hole) on wall of enclosure.

- Reducers and amplifiers type Ex "e" in plastics 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 :

Operating temperature :

-35°C ≤ Ta ≤ +95°C (Polycarbonate reference A9541016)

Or -35°C ≤ Ta ≤ +90°C (Polyamide 6 reference A9380300 and A9380301)

CONDITIONS OF CERTIFICATION: NO