



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 INE 14.0022U issue No.:0 Certificate history:

Status: **Current**

Date of Issue: **2014-07-04** Page 1 of 4

Applicant: **SICE Srl**
Via G. Bartolucci, 16
61020 Borgo Santa Maria - Pesaro (PU)
Italy

Electrical Apparatus: **Photoconductive Cell**
Optional accessory:

Type of Protection: **d**

Marking: **Ex d IIB Gb**

Approved for issue on behalf of the IECEx Certification Body: Thierry HOUEIX

Position: Ex Certification Officer

Signature:
(for printed version)

Date: 2014-07-04



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:

INERIS
Institut National de l'Environnement Industriel
et des Risques
BP n2
Parc Technologique ALATA
F-60550 Verneuil-En-Halatte
France

INERIS is accredited by COFRAC under number 5-0045 for certification of products and services
(scope of accreditation is available on website www.cofrac.fr)



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Manufacturer: **SICE Srl**
Via G. Bartolucci, 16
61020 Borgo Santa Maria - Pesaro (PU)
Italy

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 Explosive atmospheres - Part 0: General requirements
Edition: 6.0

IEC 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition: 6

*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/INE/ExTR14.0019/00](#)

Quality Assessment Report:

[FR/INE/QAR12.0006/01](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Photoconductive cell fitted with a lampholder sealed.

CONDITIONS OF CERTIFICATION: NO



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Additional information:

SCHEDULE OF LIMITATION:

- The component is intended to be used in an operating temperatures -40°C to +55°C.
- The overpressure tests have been performed at 30 bar
- The user will have to connect the free extremity of cable either in a non-explosive atmosphere, or in an enclosure protected by a recognised protection mode adapted to the area.

PARAMETERS RELATING TO THE SAFETY

Max supply voltage : 80 Vac-dc

Maximum current : 100 mA

MARKING

Marking has to be readable and indelible; it has to include the following indications:

Sice S.r.l

61020 PESARO - ITALY

FTC

IECEx INE 14.0022U

Serial Number

Ex d IIB Gb

ROUTINE EXAMINATIONS AND TESTS

In accordance with clause 16.2 of the IEC 60079-1 standard, the equipment defined above is exempted of routine test due to the fact that its internal volume is less than 10 cm³.