



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: **IECEX LCI 11.0060X** Page 1 of 4 Certificate history:  
Status: **Current** Issue No: 4 [Issue 3 \(2019-10-24\)](#)  
Date of Issue: 2020-06-26 [Issue 2 \(2015-01-27\)](#)  
[Issue 1 \(2012-11-29\)](#)  
[Issue 0 \(2011-10-05\)](#)  
Applicant: **TELEDYNE OLDHAM SIMTRONICS SAS**  
Z.I. Est - Rue Orfila  
Arras 62027 Cedex  
France  
Equipment: **Gas detector - Type: DG...**  
Optional accessory:  
Type of Protection: **Ex db**  
Marking: Ex db IIC/IIB T6 Gb  
IECEX LCI 11.0060X  
See attachment for full marking.

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 [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

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





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Manufacturer: **TELEDYNE OLDHAM SIMTRONICS SAS**  
Z.I. Est - Rue Orfila  
Arras 62027 Cedex  
**France**

Additional  
manufacturing  
locations:

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 equipment 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 60079-1:2014-06** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

This Certificate **does not** indicate compliance with 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 Reports:

[FR/LCI/ExTR11.0067/00](#)  
[FR/LCIE/ExTR19.0014/00](#)

[FR/LCI/ExTR11.0067/01](#)  
[FR/LCIE/ExTR19.0105/00](#)

[FR/LCI/ExTR11.0067/02](#)  
[FR/LCIE/ExTR20.0047/00](#)

Quality Assessment Report:

[FR/INE/QAR06.0006/10](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The equipment is a gas detector that can be equipped, depending on the type of detection and the application required, with different electronic boards and cell for gas detection, the reference of the enclosure is BT10.

Hole A can receive the following elements:

- An adaptor element where the gas cartridge get installed.
- A blanking element.
- A NPT/ISO adaptor.

Hole B can receive:

- An "IRDA plug" with a glass window.
- A window seat.

See attachment for more details.

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

- User shall install Ex certified cable gland that do not degrade protection mode.
- Only the screw of property class A4 (yield stress  $\geq 600\text{MPa}$ ) must be used as a special fastener.



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

Issue 00:

- Initial issue according to IEC 60079-0:2007 (Ed.5.0) and IEC 60079-1:2007 (Ed.6.0) standards.

Issue 01:

- Update mechanical details.
- Modification of resin.
- Update electronic boards: adjunction of new board and modification of components.

Issue 02:

- Correction of type and nomenclature.

Issue 03:

A. New issue relative to the ExTR N° FR/LCIE/ExTR19.0014/00:

- Normative update according to IEC 60079-0:2011 (Ed.6.0) and IEC 60079-1:2014 (Ed.7.0) standards.
- Addition of a numeric board (PIE 3560) called type D.
- Addition of a new relay electronic board (PIE 3558).
- Excluding TCM sensor and a display device.

B. New issue relative to the ExTR N° FR/LCIE/ExTR19.0105/00:

- Name and address changes regarding Applicant and Manufacturer.

Issue 04:

- Name and address changes regarding Applicant and Manufacturer.