



# 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 DEK 18.0044X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2019-11-15

Applicant: **ExRobotics B.V.**  
Effenseweg 1  
Breda, 4838 BA  
**Netherlands**

Equipment: **Infrared Leak Detection Module, FLI-SW-002500**

Optional accessory:

Type of Protection: **Ex db**

Marking: **Ex db IIB T4 Gb**

Approved for issue on behalf of the IECEx  
Certification Body:

**Certification manager**

Position:

**R.H.D. Pommé**

Signature:  
(for printed version)

Date:

**2019-11-15**

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:

**DEKRA Certification B.V.**  
Meander 1051  
6825 MJ Arnhem  
Netherlands





# IECEX Certificate of Conformity

Certificate No.: **IECEX DEK 18.0044X** Page 2 of 3

Date of issue: 2019-11-15 Issue No: 0

Manufacturer: **ExRobotics B.V.**  
Effenseweg 1  
Breda, 4838 BA  
**Netherlands**

Additional manufacturing locations: **ExRobotics B.V.**  
Elektronicaweg 29, Delft 2628 XG  
**Netherlands**

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 60079-0:2017** Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

**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 Report:

[NL/DEK/ExTR18.0046/00](#)

Quality Assessment Report:

[DK/ULD/QAR18.0002/02](#)



# IECEx Certificate of Conformity

Certificate No.: **IECEx DEK 18.0044X**

Page 3 of 3

Date of issue: 2019-11-15

Issue No: 0

## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

Infrared Leak Detection Module, FLI-SW-002500 is used for the detection of combustible gases in locations where gas leaks can be confined and concentrated to explosive levels.

The equipment consists of a camera and control parts in a cylindrical flameproof enclosure.

Ambient temperature range -40 °C to +60 °C.

## **Electrical data**

36 Vdc, 1.25 A, 45 W

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

The flameproof joints are not intended to be repaired.