



# 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.:	<b>IECEX BAS 13.0065X</b>	Page 1 of 4	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 3	Issue 2 (2019-11-13)
Date of Issue:	2021-09-01		Issue 1 (2015-01-06)
Applicant:	<b>ERICO Europe B.V.</b> Jules Verneweg 75 5015 BG Tilburg <b>Netherlands</b>		Issue 0 (2013-08-13)
Equipment:	<b>Type PEC Equi-Potential Clamp</b>		
Optional accessory:			
Type of Protection:	<b>Ex nC</b>		
Marking:	<b>Ex nC IIC T5 Gc Tamb -30°C to +70°C</b>		

Approved for issue on behalf of the IECEx  
Certification Body:

**Mr R S Sinclair**

Position:

**Technical Manager**

Signature:  
(for printed version)

Date:

2/9/2021

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:

**SGS Baseefa Limited**  
**Rockhead Business Park**  
**Staden Lane**  
**Buxton, Derbyshire, SK17 9RZ**  
**United Kingdom**





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Manufacturer: **ERICO Europe B.V.**  
Jules Verneweg 75  
5015 BG Tilburg  
**Netherlands**

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

**IEC 60079-15:2017** Explosive atmospheres - Part 15: Equipment protection by type of protection "n"  
Edition:5.0

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:

[GB/BAS/ExTR13.0142/00](#)

[GB/BAS/ExTR14.0373/00](#)

[GB/BAS/ExTR19.0291/00](#)

Quality Assessment Report:

[GB/BAS/QAR07.0049/09](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The Type PEC Equi-Potential Clamp consists of a sealed spark gap encapsulated in a metal tube with integral leads to enable connection between circuits. The device presents an effective open circuit until the ground potential difference exceeds its breakdown voltage. The circuit immediately closes and ground potentials are equalised.

There are two models in the range, a Type PEC 100 and a type PEC100/500.

The equipment is IP66/67 rated

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

1. Local heating by pipelines and other hot surfaces in the vicinity of the installation of the product must be considered by the installer to ensure that the specified maximum ambient temperature is not exceeded.
2. Connection of the integral cables must be in accordance with the applicable requirements for the zone in which the connections are made.



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

### Variation 2.1

To amend an error in condition of use number two and update the label drawing to include certificate numbers not related to the IECEx scheme.

ExTR: **None.**

File Reference: **21/0089**