

1 **TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres  
Directive 2014/34/EU**

3 Type Examination Certificate Number: **Baseefa13ATEX0113X – Issue 3**

4 Product: **Type PEC Equi-Potential Clamp**

5 Manufacturer: **ERICO Europe B.V.**

6 Address: **Jules Verneweg 75, 5015 BG Tilburg, Netherlands**

7 This re-issued certificate extends Type Examination Certificate No. Baseefa13ATEX0113X to apply to product designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

8 SGS Fimko Oy certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products of Category 3 intended for use in potentially explosive atmospheres given in Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014.

8.1 The original certificate was issued by SGS Baseefa Ltd (UK Notified Body 1180). It, and any supplements previously issued by SGS Baseefa Ltd have been transferred to the supervision of SGS Fimko Oy (EU Notified Body 0598). The original certificate number is retained.

The examination and test results are recorded in confidential Report No. **None**.

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN IEC 60079-0: 2018 EN IEC 60079-15: 2019**

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign “X” is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

11 This TYPE EXAMINATION CERTIFICATE relates only to the design of the specified equipment and not to specific items of equipment subsequently manufactured.

12 The marking of the product shall include the following:

**⊕ II 3G Ex nC IIC T5 Gc Tamb -30°C to +70°C**

SGS Fimko Oy Customer Reference No. **5301**

Project File No. **21/0089**

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13 **Schedule**

14 **Certificate Number Baseefa13ATEX0113X – Issue 3**

15 **Description of Product**

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

16 **Report Number**

None.

17 **Specific Conditions of Use**

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.

18 **Essential Health and Safety Requirements**

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product.

Clause	Subject
1.4.1	Hazards arising from external effects
1.4.2	Hazards arising from aggressive substances

19 **Drawings and Documents**

New drawings submitted for this issue of certificate:

Number	Sheet	Issue	Date	Description
PEC100	1 to 4	E	02 Jul 2021	Surge Protection

Current drawings which remain unaffected by this issue:

Number	Sheet	Issue	Date	Description
IECEX BAS 07.0021U	3	0	6/12/07	Type EPZ Equi-Potential Clamp

20 **Certificate History**

Certificate No.	Date	Comments
Baseefa13ATEX0113X	19 July 2013	The release of the prime certificate. The associated test and assessment against the requirements of EN 60079-0: 2012 and EN 60079-15: 2010 is documented in Test Report No. GB/BAS/ExTR13.0142/00.
Baseefa13ATEX0113X/1	17 December 2014	To allow an alternative Ingress Protection rating of IP66/67 to be marked on the product. See report GB/BAS/ExTR14.0373/00

<b>Certificate No.</b>	<b>Date</b>	<b>Comments</b>
Baseefa13ATEX0113X/2	13 November 2019	To confirm that the equipment covered by this certificate has been reviewed against the requirements of EN IEC 60079-0: 2018 and EN IEC 60079-15: 2019 in respect to the differences from EN 60079-0: 2012 and EN 60079-15: 2010, and that none of these differences in the standards affects this equipment. See report GB/BAS/ExTR19.0291/00
Baseefa13ATEX0113X Issue 3	1 September 2021	This issue of the certificate incorporates previously issued primary & supplementary certificates into one certificate and makes an amendment to specific condition number 2. The label drawing is also updated to include additional certificate numbers for other certificate numbers not related to ATEX. No report required.
For drawings applicable to each issue, see original of that issue.		