



# 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)

### Ex COMPONENT CERTIFICATE

Certificate No.: **IECEx IBE 13.0001U**

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Certificate history:

[Issue 0 \(2013-03-14\)](#)

Status: **Current**

Issue No: 1

Date of Issue: 2021-11-04

Applicant: **Weidmüller Interface GmbH & Co. KG**  
Klingenbergstrasse 26  
Detmold 32758  
Germany

Ex Component: Empty enclosures Klippon® K

*This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).*

Type of Protection: **Protection by increased safety "e", Protection by enclosure "t"**

Marking: Ex eb IIC Gb  
Ex tb IIIC Db

Approved for issue on behalf of the IECEx  
Certification Body:

**Alexander Henker**

Position:

**Deputy Head of department Certification Body**

Signature:  
(for printed version)

Date:

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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:

**IBExU Institut für Sicherheitstechnik GmbH**  
Fuchsmühlenweg 7  
09599 Freiberg  
Germany





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Manufacturer: **Weidmüller Interface GmbH & Co. KG**  
Klingenbergstrasse 26  
Detmold 32758  
Germany

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 60079-31:2008** Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'  
Edition:1

**IEC 60079-7:2017** Explosive atmospheres - Part 7: Equipment protection by increased safety "e"  
Edition:5.1

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:

[DE/IBE/ExTR13.0001/00](#)

[DE/IBE/ExTR13.0001/01](#)

Quality Assessment Report:

[NL/DEK/QAR12.0052/07](#)



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**Ex Component(s) covered by this certificate is described below:**

Empty enclosure made of aluminium  
max. service temperature range -60°C up to +135°C  
Degree of protection IP66

Further identical constructed enclosures can be manufactured with in between sizes

Type	Length	Width	Depth
Klippon K1	70 mm	70 mm	45 mm
Klippon K2	70 mm	100 mm	45 mm
Klippon K3	70 mm	165 mm	45 mm
Klippon K4	82 mm	130 mm	72 mm
Klippon K5	130 mm	170 mm	90 mm
Klippon K6	160 mm	200 mm	100 mm
Klippon K7	160 mm	350 mm	100 mm
Klippon K11	80 mm	75 mm	57 mm
Klippon K21	80 mm	125 mm	57 mm
Klippon K31	80 mm	175 mm	57 mm
Klippon K32	80 mm	250 mm	55 mm
Klippon K41	120 mm	122 mm	81 mm
Klippon K51	120 mm	220 mm	81 mm
Klippon K52	160 mm	160 mm	91 mm
Klippon K61	160 mm	260 mm	91 mm
Klippon K71	230 mm	280 mm	111 mm

Safety instructions:

- The degree of protection, at least IP64 for dust/ IP54 for gas, at the installation and operation is reached only at the proper use of cable glands which are tested and confirmed on explosion protection.

**SCHEDULE OF LIMITATIONS:**

- The conditions specified in the certificates of the Ex components have to be taken into account at the installation in the empty enclosures.
- The service temperature at the enclosure gasket must not exceed the permitted range of -60 °C to +135 °C.
- It is not allowed, to use powder painted enclosures in areas, where due to the process a static charge is possible.



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

The device meets the requirements of the current standards IEC 60079-0, Ed. 7.0, IEC 60079-7, Ed. 5.1 and IEC 60079-31, Ed. 2.0.