



# 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 IBE 13.0002X</b>   | Page 1 of 4 | <u>Certificate history:</u><br><a href="#">Issue 0 (2013-07-15)</a> |
| Status:             | <b>Current</b>  | Issue No: 1 |   |
| Date of Issue:      | 2021-11-04  |             |   |
| Applicant:          | <b>Weidmüller Interface GmbH &amp; Co. KG</b><br>Klingenbergstrasse 26<br>Detmold 32758<br>Germany            |             |   |
| Equipment:          | <b>Junction enclosures Klippon® K</b>   |             |   |
| Optional accessory: |   |             |   |
| Type of Protection: | <b>Protection by increased safety "e", Protection by intrinsic safety "i", Protection by enclosure "t"</b>    |             |   |
| Marking:            | Ex eb IIC T6...T4 Gb<br>Ex ia IIC T6...T4 Gb<br>Ex eb ia IIC T6...T4 Gb<br><br>Ex tb IIIC T85 °C...T135 °C 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 60079-11:2011** Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

**IEC 60079-31:2013** Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:2

**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/ExTR13.0002/00**

**DE/IBE/ExTR13.0002/01**

Quality Assessment Report:

**NL/DEK/QAR12.0052/07**



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## EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Junction enclosures type Klippon K, made of aluminium

Ambient temperature range: T6/T85 °C -60 °C to +40 °C  
T5/T100 °C -60 °C to +55 °C  
T4/T135 °C -60 °C to +90 °C

Degree of protection: IP66/67

Further identical constructed enclosures can be manufactured with in between sizes.

|             | 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 |

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

- The applicable temperature ranges for the ambient temperature depending on the temperature class/max. surface temperature must be observed.
- The values are maximum values, the actual electrical values are determined by the built-in components. The manufacturer fixes the definite rated values in the context of these limiting values. So the manufacturer ensures the compliances with the maximum surface temperature and the permissible operating temperature of the components.
- The conditions specified in the certificates of the Ex components have to be taken into account for the installation of these components in the enclosure.
- 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.