



# IECEx Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx IBE 13.0004X Issue No: 0 Certificate history:  
Issue No. 0 (2013-03-26)

Status: **Current** Page 1 of 3

Date of Issue: **2013-03-26**

Applicant: **Weidmüller Interface GmbH & Co. KG**  
Klingenbergstr. 16  
32758 Detmold  
**Germany**

Equipment: **Junction enclosure**  
*Optional accessory:*

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

Marking:  
**Ex e IIC T6...T5 Gb or Ex eb IIC T6...T5**  
**Ex ia IIC T6...T5 Ga or Ex ia IIC T6...T5**  
**Ex e ia IIC T6...T5 Gb or Ex eb ia IIC T6...T5**  
**Ex tb IIIC T 85 °C ...100 °C Db or Ex tb IIIC T 85 °C...100 °C**

*Approved for issue on behalf of the IECEx  
Certification Body:*

Prof. Dr. Tammo Redeker

*Position:*

Head of Certification Body

*Signature:  
(for printed version)*

*Date:*

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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

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



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Manufacturer: **Weidmüller Interface GmbH & Co. KG**  
Klingenbergstr. 16  
32758 Detmold  
**Germany**

Additional Manufacturing  
location(s):

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 electrical apparatus 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:

<b>IEC 60079-0 : 2011</b> Edition:6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-11 : 2011</b> Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
<b>IEC 60079-31 : 2008</b> Edition:1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
<b>IEC 60079-7 : 2006-07</b> Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*This Certificate **does not** indicate compliance with electrical 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:

[DE/IBE/ExTR13.0004/00](#)

Quality Assessment Report:

[NL/DEK/QAR12.0052/00](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

Junction enclosures Klippon POK...Ex made of glass fibre reinforced polyester

Ambient temperature range: T6 / T 85 °C → -55 °C to +40 °C

T5 / T 100 °C → -55 °C to +55 °C

Degree of protection: IP66

Enclosures type	Length	Breadth	High
Klippon POK 080806 Ex	75 mm	80 mm	55 mm
Klippon POK 081106 Ex	75 mm	110 mm	56 mm
Klippon POK 081606 Ex	75 mm	160 mm	56 mm
Klippon POK 081906 Ex	75 mm	190 mm	55 mm
Klippon POK 082306 Ex	75 mm	230 mm	56 mm
Klippon POK 121209 Ex	120 mm	122 mm	90 mm
Klippon POK 122209 Ex	120 mm	220 mm	90 mm
Klippon POK 161609 Ex	160 mm	160 mm	90 mm
Klippon POK 162609 Ex	160 mm	260 mm	90 mm
Klippon POK 163609 Ex	160 mm	360 mm	90 mm
Klippon POK 165609 Ex	160 mm	560 mm	90 mm
Klippon POK 252512 Ex	250 mm	255 mm	120 mm
Klippon POK 254012 Ex	250 mm	400 mm	120 mm
Klippon POK 256012 Ex	250 mm	600 mm	120 mm
Klippon POK 404012 Ex	405 mm	400 mm	120 mm
Klippon POK 252516 Ex	250 mm	255 mm	160.5 mm
Klippon POK 254016 Ex	250 mm	400 mm	160.5 mm

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

### CONDITIONS OF CERTIFICATION: YES as shown below:

The applicable temperature ranges for the ambient temperature depending on the temperature class / max. Surface temperature must be observed.