



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

Ex COMPONENT CERTIFICATE

Certificate No.: **IECEx IBE 13.0003U**

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Certificate history:

[Issue 0 \(2013-03-26\)](#)

Status: **Current**

Issue No: 1

Date of Issue: 2021-11-04

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

Ex Component: Empty enclosures Klippon® POK...Ex

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:

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 or use of this QR Code.



Certificate issued by:

IBExU Institut für Sicherheitstechnik GmbH
Fuchsmühlenweg 7
09599 Freiberg
Germany

IBExU



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Manufacturer: **Weidmüller Interface GmbH & Co. KG**
Klingenbergrasse 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 60079-31:2013 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/ExTR13.0003/00](#) [DE/IBE/ExTR13.0003/01](#)

Quality Assessment Report:

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



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

Empty enclosures type Klippon POK...Ex, made of glass fibre reinforced polyester
max. service temperature range -55 °C up to +100 °C

Degree of protection: IP66

Empty enclosure types	Length	Width	Depth
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

Safety instructions:



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- 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 -55 °C to +100 °C.



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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.