



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 NEP 20.0005U**

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Certificate history:

Issue 0 (2020-02-19)

Status: **Current**

Issue No: 1

Date of Issue: 2020-08-17

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

Ex Component: Empty Enclosure, Model KLIPPON TBL series

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: **Ex eb**

Marking: Ex eb IIC Gb

IP66

T_{service} : -50°C~+135°C

Approved for issue on behalf of the IECEx
Certification Body:

Xu Jianping

Position:

Managing Director

Signature:
(for printed version)

Date:

17 Aug, 2020

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:

**Shanghai Inspection and Testing Institute of Instruments
and Automatic Systems Co., Ltd. (SITI/IAS)/
National Supervision and Inspection Center for Explosion
Protection and Safety of Instrumentation (NEPSI)
103 Cao Bao Road
Shanghai 200233
China**



SITI/IAS
Worldwide Access



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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 60079-7:2015 Explosive atmospheres – Part 7: Equipment protection by increased safety "e"
Edition: 5.0

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:

[CN/NEP/ExTR20.0006/00](#)

[CN/NEP/ExTR20.0006/01](#)

Quality Assessment Report:

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



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

KLIPPON TBL series empty enclosures consist of body, lid, gaskets, quarter lockers, gland plate and gland plate fixing screws.

The enclosure is made of min.2mm Stainless Steel 304 or Stainless Steel 316L or metallurgical compatible (brushed or coated). It is an option for the customer.

	Height(cm)	Width(cm)	Depth(cm)
Minimum size	100	50	30
Maximum size	150	100	50

Type description refer to Annex II

SCHEDULE OF LIMITATIONS:

N/A



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Refer to the Annex I



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Additional information:

N/A

Annexes:

[Annex I to IECEx NEP 20.0005U_01.pdf](#)

[Annex II to IECEx NEP 20.0005U_01.pdf](#)

Shanghai Inspection and Testing Institute of Instruments and Automatic Systems Co., Ltd. (SITIIS) National Supervision and Inspection Center for Explosion Protection and Safety of Instrumentation (NEPSI) 103 Cao Bao Road, Shanghai 200233, China	 
Annex I to IECEx Certificate of Conformity of IECEx NEP 20.0005U Issue No.1	

Details of change:

The type of silicone foam gasket for cover is FERMASIL A-93-1-VP3-Grey / FSIL B-93-VP1 in the drawings(66821 sheet 01&sheet 03). The customer provided the wrong datasheet and marked the wrong type in the drawings. Actually, the type is FERMASIL A-93-1-VP3 / FSIL B-93-VP1. In addition, there are some changes that do not affect explosion-proof performance.

The update contents are as follows:

Item:	Changes		
1)	Revised Datasheet in the technical documents		
	From	Title : TECHNICAL DATA SHEET FERMASIL A-93-1-VP3-Grey /FSIL B-93-VP1	Date: 28.06.2016
	to	Title : Temporary Technical datasheet FERMASIL A-93-1-VP3 / FSIL B-93-VP1	Date: 06.02.2016
	Comment: The customer provided the wrong datasheet. The correct datasheet is revised.		
2)	Revised Drawings in the technical documents		
	Drawing No.: 66821 sheet 01 – sheet 05		
	From	Title : 66821_KTBL	
	to	Title : KLIPPON TBL QL	
	Drawing No.: 66821 sheet 01 & sheet 03		
	From	Rev. Level: 2	Date: 16.08.2019
	to	Rev. Level: 3	Date: 10.08.2020
	Revised content: A) The version of drawings (66821 sheet 01 & sheet 03) is updated from 2 to 3. The upgrade content in the drawings (66821 sheet 01 & sheet 03) is to change FERMASIL A-93-1-VP3-Grey / FSIL B-93-VP1 to FERMASIL A-93-1-VP3 / FSIL B-93-VP1. B) The correct title of 66821 drawing is KLIPPON TBL QL.		
3)	QAR Reference No. is updated from NL/DEK/QAR12.0052/06 to NL/DEK/QAR12.0052/07. The details of change of NL/DEK/QAR12.0052/07 is as follows: - Surveillance - 2020-04-21 address number changed from 16 to 26		

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4)	Revised label Drawing in the technical documents and Copy of Marking Plate	
	Drawing No.: 67222	
	From	Rev. Level: 3 Date: 25.10.2019
	to	Rev. Level: 4 Date: 13.08.2020
	Comment: The manufacturer address has changed from Klingenbergstrasse 16, 32758 Detmold Germany to Klingenbergstrasse 26, Detmold 32758, Germany. And it has been updated in QAR. Because of the above reasons, the address on the label is updated. The update address on the label: Klingenbergstrasse 26, Detmold 32758, Germany.	
5)	Revised related clause: Only clause 7.1.1&7.1.2.3 of IEC60079:0-2017 relates to the type of silicone foam gasket for cover. Refer to IECEx TEST REPORT ADDENDUM for details.	

Annex II to IECEx Certificate of Conformity of IECEx NEP 20.0005U Issue No.1

General product information:

KLIPPON TBL series empty enclosures consist of body, lid, gaskets, quarter lockers, gland plate and gland plate fixing screws.

The enclosure is made of min.2mm Stainless Steel 304 or Stainless Steel 316L or metallurgical compatible (brushed or coated). It is an option for the customer.

	Height(cm)	Width(cm)	Depth(cm)
Minimum size	100	50	30
Maximum size	150	100	50

Type description:

