

[1] **EC-TYPE EXAMINATION CERTIFICATE**

according to Directive 94/9/EC, Annex III

(Translation)



[2] Equipment and Protective System intended for use
in Potentially Explosive Atmospheres, Directive 94/9/EC

[3] EC-Type Examination Certificate Number: **IBExU13ATEX1004 X**

[4] Equipment: **Junction Enclosure**
Type Klippon POK...Ex

[5] Manufacturer: Weidmüller Interface GmbH & Co. KG

[6] Address: Klingenbergstr. 16
32758 Detmold
Germany

[7] The design of the equipment mentioned in [4] and any acceptable variation thereto are specified in the schedule to this EC-Type Examination Certificate.

[8] IBExU Institut für Sicherheitstechnik GmbH, NOTIFIED BODY number 0637 in accordance with article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that the equipment mentioned in [4] has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The test results are recorded in the test report IB-12-3-214 of 3 April 2013.

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 60079-0:2012, EN 60079-7:2007, EN 60079-11:2012 and EN 60079-31:2009.

[10] If the sign „X“ is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified under [17] in the schedule to this EC-Type Examination Certificate.

[11] This EC-Type Examination Certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this directive apply to the manufacture and supply of this equipment.

[12] The marking of the equipment mentioned in [4] shall include one of the following:

II 2G Ex e IIC T6...T5 Gb or II 2G Ex eb IIC T6...T5
 II 1G Ex ia IIC T6...T5 Ga or II 1G Ex ia IIC T6...T5
 II 2(1)G Ex e ia IIC T6...T5 Gb or II 2(1)G Ex eb ia IIC T6...T5
 II 2D Ex tb IIIC T 85 °C ... 100 °C Db or II 2D Ex tb IIIC T 85 °C... 100 °C
-55 °C ≤ T_a ≤ +40 °C/+55 °C

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Authorised for certifications
-Explosion protection-

By order

(Dr. Wagner)

Schedule



- Seal-
(ID no. 0637)

Freiberg, 3 April 2013

Certificates without signature
and seal are not valid.
Certificates may only be
duplicated completely and
unchanged. In case of dis-
pute, the German text shall
prevail.

[16] **Test report**

The proof of explosion protection is recorded in detail in the test report IB-12-3-214. The test documents are part of the test report and are listed there.

Summary of the test results:

The Junction enclosures types Klippon POK...Ex fulfil the requirements of explosion protection for equipment group II and category 2G, type of protection Increased Safety and Category 2D with Protection by enclosures and Intrinsic safety.

Safety technical notes

- The conditions specified in the EC-Type Examination Certificates of the Ex components have to be taken into account for the installation of these components in the enclosure.
- The degree of protection, at least IP 64 for dust/ IP 54 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.

[17] **Special conditions for safe use**

- 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.

[18] **Essential Health and Safety Requirements**

Confirmed by compliance with standards (see [9]).

By order

Freiberg, 3 April 2013



(Dr. Wagner)