



(1) EC-TYPE-EXAMINATION CERTIFICATE (Translation)

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres - **Directive 94/9/EC**



(3) EC-type-examination Certificate Number:

PTB 08 ATEX 1002 U

(4) Component: Empty enclosure, type TX "e"(_ _ _) ((_ _ _ _))

(5) Manufacturer: STEELDESIGN GmbH

(6) Address: Brüsseler Straße 6, 53842 Troisdorf, Germany

(7) This component and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) The Physikalisch-Technische Bundesanstalt, notified body No. 0102 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II to the Directive.

The examination and test results are recorded in the confidential assessment and test report PTB Ex 08-17210.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2006

EN 60079-7:2007

(10) The sign "U" placed behind the certificate number indicates that this certificate should not be confounded with certificates issued for equipment or protective systems. This Component Certificate only serves as a basis for the issuing of certificates for equipment or protective systems.

(11) This EC-type-examination Certificate relates only to the design, examination and tests of the specified component in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this component. These are not covered by this certificate.

(12) The marking of the component shall include the following:

II 2 G Ex e II

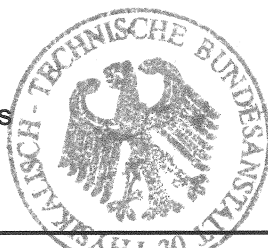
Zertifizierungssektor Explosionsschutz

Braunschweig, March 5, 2008

By order:

(signature)

Dr.-Ing. M. Thedens
Oberregierungsrat



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ZSEx10110e.dot

EC-type-examination Certificates without signature and official stamp shall not be valid. The certificates may be circulated only without alteration. Extracts or alterations are subject to approval by the Physikalisch-Technische Bundesanstalt. In case of dispute, the German text shall prevail.

(13)

SCHEDULE

(14)

EC-TYPE-EXAMINATION CERTIFICATE PTB 08 ATEX 1002 U

(15) Description of component

The empty enclosure, type TX "e"(_ _ _) ((_ _ _ _)), consists of a stainless-steel housing designed to Increased Safety "e" type of protection, which may be provided with flanges if necessary.

Technical data:

Overall sizes	Length	Width	Height
Smallest	100 mm	100 mm	60 mm
Largest	600 mm	400 mm	200 mm
Operating temperatures	-40 °C to +120 °C		
Protection against solid foreign objects, water and contact	IP66 in accordance with EN 60529		

(16) Test Report PTB Ex 08-17210

(17) Notes for manufacturing, installation and operation

No notes

(18) Essential health and safety requirements

Met by compliance with the afore-mentioned Standards.


Zertifizierungssektor Explosionsschutz
By order:

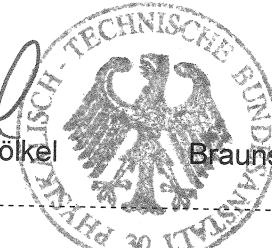
Braunschweig, March 5, 2008

(signature)

Dr.-Ing. M. Thedens
Oberregierungsrat

2 pages, correct and complete as regards content.
By order:


Dipl.-Phys. U. Völkel


Braunschweig, 7. July 2010

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