



(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 01 ATEX 1014 U



(4) Component: Polyester housings, types 07-5184-..../.... and 07-5185-..../....

(5) Manufacturer: BARTEC Componenten und Systeme GmbH

(6) Address: Max-Eyth-Straße 16, D-97980 Bad Mergentheim

(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 report PTB Ex 01-11038.

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

EN 50014:1997 +A1 + A2 EN 50019:1994

(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 and construction of the specified component in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this component.

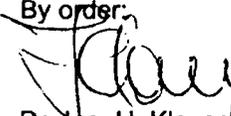
(12) The marking of the component shall include the following:

 **II 2 G EEx e II**

Zertifizierungsstelle Explosionsschutz

Braunschweig, March 01, 2001

By order:


Dr.-Ing. U. Klausmeyer
Regierungsdirektor



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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.

SCHEDULE

(13)

(14) **EC-TYPE-EXAMINATION CERTIFICATE PTB 01 ATEX 1014 U**

(15) Description of component

Polyester housings of type 07-5184-.../.... and 07-5185-.../.... are empty enclosures that may be provided with an inspection window / inspection windows made from plastics.

Technical data

Sizes:	Length	Width	Height
smallest	80 mm	75 mm	55 mm
largest	600 mm	405 mm	160 mm

Temperature range: max. -55 °C to +100 °C, which is subject to the sealing used
-25 °C to +95 °C, with inspection window(s)

Shock protection, protection against solid bodies, and protection against ingress of water: IP 54 according to EN 60529 as a minimum.

(16) Test report PTB Ex 01-11038

(17) Special conditions for safe use

None;

Notes for installation and use

The EC type-examination certificate as well as any future supplements thereto shall at the same time be regarded as supplements to Component Certificate PTB No. Ex-90.C.3181 U.

(18) Essential health and safety requirements

The tests and the favourable results these have produced reveal that the polyester housings, types 07-5184-.../.... and 07-5185-.../....., meet the requirements of directive 94/9/EC as well as those of the standards quoted on the cover sheet.

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