



(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 98 ATEX 1073 U**

(4) Component: Blanking plug of type 29-35/..x...

(5) Manufacturer: Emil A. Peters GmbH & Co. KG

(6) Address: Westfalenstr. 85, 58636 Iserlohn

(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 98-18098.

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

**EN 50 014:1997**

**EN 50 018:1994**

(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 d II IM 2 EEx d I**

Zertifizierungsstelle Explosionschutz

Braunschweig, January 20, 1999

By order

Dr.-Ing. U. Klausmeyer  
Oberregierungsrat



## SCHEDULE

(13)

(14) **EC-TYPE-EXAMINATION CERTIFICATE No. PTB 98 ATEX 1073 U**

(15) Description of component

The type 29-35/...x... blanking plug may be used to close openings for cable bushings in flameproof enclosures, which are not used.

Technical data

Type and size of thread .....M10 x 1,5 to M48 x 1,5  
other types and sizes of threads with  
respective identification

(16) Report PTB Ex 98-18098

(17) Special conditions for safe use

Threaded holes into which cable bushings are screwed with the internal thread must meet the minimum requirements of EN 50 018, section 5.3 (Table 3). These blanking plugs are suitable for installation in electrical apparatus of the type of protection flameproof enclosure "d" of groups I, IIA, IIB or IIC.

The blanking plug must be fastened in the electrical apparatus so that it is locked to prevent rotation and accidental loosening.

The blanking plug is a constructional unit. The reproducible assembly and the installation conditions have been documented. According to EN 50 018, section 16.2 (13.4.4), a routine test together with the flameproof enclosure in compliance with section 16.1 is, therefore, not necessary.

The component can be used in both, group I and group II, as the requirements of the standard are identical in this case

(18) Essential health and safety requirements

The tests carried out and their positive results show that the blanking plugs meet the requirements of Directive 94/9/EC and of the standards stated on the cover sheet.

Zertifizierungsstelle Explosionsschutz

By order

  
Dr.-Ing. U. Klausmeyer  
Oberregierungsrat



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