



(1) **EU-TYPE EXAMINATION CERTIFICATE**
(Translation)

(2) Component Intended for Use in Potentially Explosive Atmospheres
Directive 2014/34/EU

(3) EU-Type Examination Certificate Number:

PTB 98 ATEX 1073 U

Issue: 1

(4) Component: Blanking plug Type 29-96/35-**

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

(6) Address: Westfalenstraße 85, 58636 Iserlohn, Germany

(7) This component and any acceptable variation thereto is 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 17 of the Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, given in Annex II to the Directive.

The examination and test results are recorded in the confidential test report PTB Ex 23-12095.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN IEC 60079-0:2018, EN 60079-1:2014/AC:2018

(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 partial certification may be used as a basis for certification of an equipment or protective systems.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified component in accordance to the Directive 2014/34/EU. 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 db IIC Gb



I M 2 Ex db IMb

Konformitätsbewertungsstelle, Sektor Explosionsschutz
On behalf of PTB

Braunschweig, 6. März 2023

Dr.-Ing. D. Markes
Direktor und Professor



(13)

SCHEDULE

(14) **EU-Type Examination Certificate Number PTB 98 ATEX 1073 U, Issue: 1**

(15) Description of Component

The blanking plug type 29-96/35-** may be used to close openings for bushings in flameproof enclosures, which are not used.

Technical data

| | |
|---------------------------------|---|
| Type and size of threads: | M 10 x 1.5 to M 100 x 1.5 other types and sizes of threads with respective identification |
| Rated service temperature range | -55 °C to +120 °C |



Nomenclature

29-96/35-**

| | |
|-----------------|------------|
| 1 | 2 |
| 29-96/35 | -** |

1 = Type
2 = Size of thread

Details of change:

- 1) No technical changes. Updated to current editions of EN IEC 60079-0:2018, EN 60079-1:2014/AC:2018.
- 2) Marking is changed to:
 II 2 G Ex db IIC Gb
 I M 2 Ex db I Mb

(16) Test report PTB Ex 23-12095

SCHEDULE TO EU-TYPE-EXAMINATION CERTIFICATE PTB 98 ATEX 1073 U, Issue: 1

(17) Notes for manufacture, installation and operation

1. Tapped holes receiving the blanking plug with its screw thread shall meet the minimum requirements as set forth in IEC 60079-1, section 5.3 (table 3).
2. The blanking plug is suited for use in electrical apparatus designed to type of protection Flameproof Enclosure "db" of groups IIA, IIB or IIC.
3. The blanking plug shall be fixed in the electrical apparatus in such a way that rotation and accidental loosening will be prevented.
4. Installation of electrical components requires further assessment by an ExCB.

(18) Essential health and safety requirements

Met by compliance with the aforementioned standards.

According to Article 41 of Directive 2014/34/EU, EC-type examination certificates which have been issued according to Directive 94/9/EC prior to the date of coming into force of Directive 2014/34/EU (April 20, 2016) may be considered as if they were issued already in compliance with Directive 2014/34/EU. By permission of the European Commission supplements to such EC-type examination certificates and new issues of such certificates may continue to hold the original certificate number issued before April 20, 2016.

Konformitätsbewertungsstelle, Sektor Explosionsschutz
On behalf of PTB:

Braunschweig, 6. März 2023


Dr.-Ing. D. Markus
Direktor und Professor

