

Translation, original language: German

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

(2) **Equipment and protective systems intended for use in potentially explosive atmospheres - Directive 94/9/EC**

(3) EC-Type Examination Certificate Number: **KEMA 06ATEX0024** Issue Number: 2

(4) Equipment: **Blanking element type V and thread adapter type RSD**

(5) Manufacturer: **Hummel Elektrotechnik GmbH**

(6) Address: **Merklinstrasse 34, 79183 Waldkirch, Germany**

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

(8) KEMA Quality B.V., notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment 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 confidential test report no. 2106900.

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

**EN 60079-0 : 2006**  
**EN 61241-0 : 2006**

**EN 60079-1 : 2004**  
**EN 61241-1 : 2004**

**EN 60079-7 : 2003**

(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 in the schedule to this certificate.

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

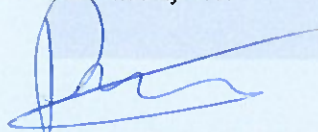
(12) The marking of the equipment shall include the following:



**II 2 G Ex d/e IIC**  
**II 1 D Ex tD A20 IP6X**

This certificate is issued on 5 September 2007 and, as far as applicable, shall be revised before the date of cessation of presumption of conformity of (one of) the standards mentioned above as communicated in the Official Journal of the European Union.

KEMA Quality B.V.



P.B.A. Jansen  
Certification Manager



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(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate KEMA 06ATEX0024**

Issue No. 2

(15) **Description**

Blanking element type V and thread adapter type RSD with thread sizes M12 to M63 and PG7 to PG48 in nickel plated brass or stainless steel.

The blanking elements and thread adapters can be used for enclosures in type of protection flameproof enclosure "d", increased safety "e" or for use in the presence of combustible dust.

Operating temperature range: -20 °C ... +95 °C (NBR o-ring)  
-20 °C ... +180 °C (FPM o-ring)  
-60 °C ... +180 °C (VQM o-ring)

The blanking elements and thread adapters provide a degree of ingress protection of IP68 in accordance with EN 60529.

**Installation instructions**

None.

**Routine tests**

None.

(16) **Test Report**

KEMA No. 2106900/3.

(17) **Special conditions for safe use**

None.

(18) **Essential Health and Safety Requirements**

Assured by compliance with the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. 2106900/3.