CERTIFICATE

(1) EC-Type Examination

- (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: **4**
- (4) Equipment: Blanking Element, Type V and Thread Adapter, Type RSD
- (5) Manufacturer: Hummel AG
- (6) Address: Lise-Meitner-Straße 2, 79211 Denzlingen, Germany
- (7) This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) DEKRA Certification 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 assessment report no. 2106900/3 issue 2.

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

EN 60079-0 : 2012 EN 60079-1 : 2014 EN 60079-31 : 2014

- (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 db/e/IIC/Gb II 1/D / Ex ta IIIC/Da /

This certificate is issued on 23 January 2015 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.

DEKRA Certification B.V.

T. Pijpker Certification Manager

Page 1/2



Integral publication of this certificate and adjoining reports is allowed. This Certificate may only be reproduced in its entirety and without any change.



(13) SCHEDULE

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

Issue No. 4

(15) **Description**

Blanking Element, Type V in nickel plated brass or stainless steel with external thread sizes M12 to M63 and $^3/_8$ " NPT to 1 $^1/_2$ " NPT and Thread Adapter, Type RSD in nickel plated brass or stainless steel with external thread sizes M16 to M63.

The blanking elements and thread adapters can be used for enclosures in type of protection flameproof enclosures "d", increased safety "e" or equipment dust ignition protection by enclosure "t".

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

The instructions provided with the equipment shall be followed in detail to assure safe operation.

(16) Assessment Report

No. 2106900/3 issue 2

(17) Specific conditions of use

None.

(18) Essential Health and Safety Requirements

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

(19) **Test documentation**

As listed in Assessment Report No. 2106900/3 issue 2.