IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEx KEM 07.0012**

Page 1 of 4

Certificate history:
Issue 2 (2015-02-10)
Issue 1 (2012-04-17)
Issue 0 (2007-03-20)

Status: **Current**

Issue No: 3

Date of Issue: 2017-07-19

Applicant: **Hummel AG**
Lise-Meitner-Straße 2
79211 Denzlingen
Germany

Equipment: **Blanking Element, Type V**

Optional accessory:

Type of Protection: **db, eb, ta**

Marking: Ex db eb IIC Gb
Ex ta IIIC Da

Approved for issue on behalf of the IECEx Certification Body: **T. Pijpker**

Position: **Certification Manager**

Signature:
(for printed version)

Date:
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.

Certificate issued by:

DEKRA Certification B.V.
Meander 1051
6825 MJ Arnhem
Netherlands

IECEx Certificate of Conformity

Certificate No.: **IECEx KEM 07.0012** Page 2 of 4

Date of issue: 2017-07-19 Issue No: 3

Manufacturer: **Hummel AG**
Lise-Meitner-Straße 2
79211 Denzlingen
Germany

Manufacturing locations: **Hummel AG**
Mozartstraße 3
79183 Waldkirch
Germany

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements.This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :
The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-1:2014 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

IEC 60079-7:2015 Explosive atmospheres – Part 7: Equipment protection by increased safety "e"
Edition:5.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

NL/DEK/ExTR11.0041/00 NL/DEK/ExTR11.0041/01 NL/DEK/ExTR11.0041/02
NL/KEM/ExTR06.0059/00

Quality Assessment Report:

DE/BVS/QAR07.0001/08

IECEx Certificate of Conformity

EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

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 for enclosures in type of protection flameproof enclosures "db", increased safety "eb" or equipment dust ignition protection by enclosure "ta".

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

The blanking elements provide a degree of protection of IP66/68 (1 MPa (10 bar) for 30 min.) in accordance with IEC 60079-0 and IEC 60529.

SPECIFIC CONDITIONS OF USE: NO

IECEx Certificate of Conformity

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
Standard upgrade: IEC 60079-7 to edition 5 (2015) was edition 4