



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 BVS 07.0022X** Page 1 of 4 [Certificate history:](#)
Issue 1 (2009-10-27)
Issue 0 (2007-09-06)

Status: **Current** Issue No: 2

Date of Issue: 2015-07-02

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

Equipment: **Plugs type HSK-V-Ex *** and HSK-V-Ex *** long**

Optional accessory:

Type of Protection: **Equipment dust ignition protection by enclosure "t", Equipment protection by increased safety "e"**

Marking: Ex e IIC Gb
Ex ta III C Da

Approved for issue on behalf of the IECEx
Certification Body:

H.-Ch. Simanski

Position:

Head of Certification Body

Signature:
(for printed version)

Date:

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 EXAM GmbH
Dinnendahlstrasse 9
44809 Bochum
Germany

 **DEKRA**
DEKRA EXAM GmbH



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

Additional
manufacturing
locations:

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

IEC 60079-7:2006-07 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:4

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 Report:

[DE/BVS/ExTR07.0026/02](#)

Quality Assessment Report:

[DE/BVS/QAR07.0001/07](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Subject and Type

HSK-V-Ex *** and HSK-V-Ex *** Long

Description

The plugs are designed for the installation at electrical apparatus type of protection Increased Safety "e" or Protection by enclosure "t". The plugs serve as blanking elements to close unused cable entries type HSK-K-Ex, HSK-K-MZ-Ex, HSK-K-Ex-Active, HSK-M-Ex, HSK-INOX-Ex, HSK-MZ-Ex, HSK-M-EMV-Ex, HSK-INOX-EMV-Ex, HSK-MZ-EMV-Ex, HSK-M-PVDF-Ex, HSK-INOX-PVDF-Ex, HSK-MZ-PVDF-Ex, HSK-M-PVDF-EMV-Ex, HSK-INOX-PVDF-EMV-Ex, HSK-M-PVDF-EMV-Ex, HSK-INOX-EMV-D-Ex, HSK-M-EMV-D-Ex, HSK-INOX-EMV-D-Ex.

Parameters:

Permitted service temperature range $-40\text{ °C} \leq T_a \leq +95\text{ °C}$

The ambient temperature of electrical equipment is usually limited. The maximum ambient temperature permitted for these plugs may in use be utilized up to the permitted service temperature.

SPECIFIC CONDITIONS OF USE: YES as shown below:

The plugs may only be used in conjunction with the cable glands, which are listed in the general product information section "Description". The maximum permitted service temperature range is $-40\text{ °C} \leq T_a \leq +95\text{ °C}$.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

This supplement is issued to ensure the compliance of the equipment with the updated versions of the applicable standards.