



# 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](http://www.iecex.com)

Certificate No.:	<b>IECEx KEM 07.0014X</b>	Page 1 of 4	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 5	Issue 4 (2017-07-19)
Date of Issue:	2023-01-18		Issue 3 (2015-02-10)
Applicant:	<b>Hummel AG</b> Lise-Meitner-Straße 2 79211 Denzlingen Germany		Issue 2 (2012-04-17)
Equipment:	<b>Cable glands, Series HSK-M-Ex, HSK-M-EMV-Ex, HSK-M-EMV-D-Ex, HSK-MZ-Ex, HSK-MZ-EMV-Ex, HSK-INOX-Ex, HSK-INOX-EMV-Ex, HSK-M-PVDF-Ex, HSK-M-PVDF-EMV-Ex, HSK-MZ-PVDF-Ex, HSK-MZ-PVDF-EMV-Ex, HSK-INOX-PVDF-Ex, HSK-INOX-PVDF-EMV-Ex and HSK-K-MZ-Ex</b>		
Optional accessory:			
Type of Protection:	<b>eb, ta</b>		
Marking:	Ex eb IIC Gb Ex ta IIIC Da		

Approved for issue on behalf of the IECEx  
Certification Body:

**L.G. van Schie**

Position:

**Certification Manager**

Signature:  
(for printed version)

Date:  
(for printed version)

2023-01-18

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





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

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

**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 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

[IEC 60079-31:2022-01](#) Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:3.0

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"  
Edition:5.1

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:

[NL/DEK/ExTR11.0041/03](#)

Quality Assessment Report:

[DE/BVS/QAR07.0001/13](#)



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## EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Cable gland, Series

HSK-M-Ex	HSK-M-EMV-Ex	HSK-M-EMV-D-Ex
HSK-MZ-Ex	HSK-MZ-EMV-Ex	
HSK-INOX-Ex	HSK-INOX-EMV-Ex	
HSK-M-PVDF-Ex	HSK-M-PVDF-EMV-Ex	
HSK-MZ-PVDF-Ex	HSK-MZ-PVDF-EMV-Ex	
HSK-INOX-PVDF-Ex and	HSK-INOX-PVDF-EMV-Ex	

is made of nickel plated brass or stainless steel, in type of protection increased safety "eb" or equipment dust ignition protection by enclosure "ta".

Available thread sizes are M12 to M63, PG7 to PG48 and 3/8" to 1½" NPT.  
The temperature range is -60 °C to +95 °C (NBR) and -20 °C to +130 °C (PVDF versions).

Cable glands, Series HSK-K-MZ-Ex, is made of plastic and aluminium, in type of protection increased safety "eb" or equipment dust ignition protection by enclosure "ta".

Available thread sizes are M16 to M63 and PG9 to PG48.  
The temperature range is -20 °C to +70 °C.

## SPECIFIC CONDITIONS OF USE: YES as shown below:

The cable glands Series HSK-M... and HSK-INOX... are tested with a reduced tensile force (25 %) in accordance with clause A.3.1 of IEC 60079-0 and may only be used for fixed installation of Group II apparatus. The user shall ensure adequate clamping of the cable.

The cable glands Series HSK-K-Mz-Ex are tested for low risk of mechanical danger (drop height 0,4 m with 1 kg mass) and shall be protected against higher impact energy levels.



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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**

- Assessed per IEC 60079-0 : Ed. 7.0, IEC 60079-7 : Ed. 5.1 and IEC 60079-31 : Ed 3.0