



# 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 BVS 07.0020X</b>	Page 1 of 3	<u><a href="#">Certificate history:</a></u>
Status:	<b>Current</b>	Issue No: 0	
Date of Issue:	2007-09-06		
Applicant:	<b>Hummel Elektrotechnik GmbH</b> Merklinstraße 34 79183 Waldkirch Germany		
Equipment:	<b>Cable entries type HSK-K-Ex 129*.**0*.**</b>		
Optional accessory:			
Type of Protection:	<b>Equipment protection by increased safety "e"; Protection by enclosures "tD"</b>		
Marking:	Ex e II Ex tD A20 IP68		

Approved for issue on behalf of the IECEx  
Certification Body:

**P. Migenda**

Position:

**Deputy Head of Certification Body**

Signature:  
(for printed version)

Date:

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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](http://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 Elektrotechnik GmbH**  
Merklinstraße 34  
79183 Waldkirch  
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 60079-0:2004** Electrical apparatus for explosive gas atmospheres - Part 0: General requirements  
Edition:4.0

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

**IEC 61241-0:2004** Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements  
Edition:1

**IEC 61241-1:2004** Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"  
Edition: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:

[DE/BVS/ExTR07.0024/00](#)

Quality Assessment Report:

[DE/BVS/QAR07.0001/00](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

### General product information

The asterisks in the type designation HSK-K-Ex 129\*. \*\*0\*. \*\* of the cable entries will be replaced by digits to describe the colour, the thread dimensions and the accompanying diameter range of the cable.

The cable entries type HSK-K-Ex 129\*. \*\*0\*. \*\* are designed for the installation at electrical apparatus type of protection increased safety "e" and serve for the installation of fixed cables.

The cable entries are suitable for the application in areas potentially hazardous by combustible gases and dusts.

### Ratings

Permitted temperature range  $-20\text{ }^{\circ}\text{C} \leq T_a \leq +95\text{ }^{\circ}\text{C}$

The ambient temperature range of electrical apparatus is normally limited to  $-20\text{ }^{\circ}\text{C} \leq T_a \leq +40\text{ }^{\circ}\text{C}$ .

The ambient temperature range can be exceeded for the use of these cable entries as long as the permitted temperature range of  $-20\text{ }^{\circ}\text{C} \leq T_a \leq +95\text{ }^{\circ}\text{C}$  of the cable entries is taken into account.

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

### Special condition for safe use

The cable entries shall only be used for fixed installations.