



# 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)

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Issue 0 (2007-09-06)

Status: **Current** Issue No: 1

Date of Issue: 2014-11-12

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

Equipment: **Blanking elements (stopping plugs) and thread adapters (reducers) type V-Ex, V-MS-\*, V-INOX-\* (blanking elements), RSD-\*\*-Ex (thread adapters)**

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](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**DEKRA EXAM GmbH**  
Dinnendahlstrasse 9  
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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/ExTR07.0025/01](#)

Quality Assessment Report:

[DE/BVS/QAR07.0001/06](#)



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## EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

### Subject and Type

Stopping plugs and reducers type

V-Ex	1.297.****.**
RSD-MS-Ex	1.078.****.**
V-MS-Ex	1.197.****.**
V-Ms-FPM-Ex	1.198.****.**
RSD-MS-Ex	1.079.****.**
V-Ms-VMQ-Ex	1.199.****.**
V-INOX-Ex	1.192.****.**
V-INOX-Ex	1.193.****.**
V-INOX-Ex	1.194.****.**
RSD-INOX-Ex	1.098.****.**
RSD-INOX-Ex	1.099.****.**

The \* will be replaced by digits to describe the thread dimensions and the accompanying dimensions.

### Description

The stopping plugs and reducers are designed for the installation at electrical apparatus in type of protection Increased Safety "e" or Protection by enclosure "t". Not more than one reduction could be used in combination with a cable entry which is certified for these use. The stopping plugs serves as blanking elements to close unused threaded holes.

**SPECIFIC CONDITIONS OF USE: NO**



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## Equipment (continued):

### Parameters:

#### Permitted service temperature range

V-Ex	1.297.****.**	-20 °C up to 90 °C
RSD-MS-Ex	1.078.****.**	-20 °C up to 95 °C
V-MS-Ex	1.197.****.**	-20 °C up to 95 °C
V-Ms-FPM-Ex	1.198.****.**	-20 °C up to 180 °C
RSD-MS-Ex	1.079.****.**	-60 °C up to 180 °C
V-Ms-VMQ-Ex	1.199.****.**	-60 °C up to 180 °C
V-INOX-Ex	1.192.****.**	-20 °C up to 95 °C
V-INOX-Ex	1.193.****.**	-20 °C up to 180 °C
V-INOX-Ex	1.194.****.**	-60 °C up to 180 °C
RSD-INOX-Ex	1.098.****.**	-20 °C up to 95 °C
RSD-INOX-Ex	1.099.****.**	-60 °C up to 180 °C

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



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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.