



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 20.0077	Page 1 of 4	<u>Certificate history:</u>
Status:	Current	Issue No: 1	Issue 0 (2020-10-28)
Date of Issue:	2021-03-15		
Applicant:	COOPER CROUSE-HINDS GmbH Neuer Weg Nord 49, 69412 Eberbach Germany		
Equipment:	Trumpet gland type GHG 960 19 .. R....		
Optional accessory:			
Type of Protection:	Protection by Enclosure "t", Increased Safety "e"		
Marking:	Ex eb IIC Gb Ex tb IIIC Db		

Approved for issue on behalf of the IECEx
Certification Body:

Dr Franz Eickhoff

Position:

Lead Auditor and officially recognised expert

Signature:
(for printed version)

Date:

F. Eickhoff
2021-03-15

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 Testing and Certification GmbH
Certification Body
Dinnendahlstrasse 9
44809 Bochum
Germany

 **DEKRA**
On the safe side.



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Date of issue: **2021-03-15**

Issue No: 1

Manufacturer: **COOPER CROUSE-HINDS GmbH**
Neuer Weg Nord 49, 69412 Eberbach
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 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

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

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:

[DE/BVS/ExTR20.0078/00](#)

Quality Assessment Report:

[DE/BVS/QAR11.0009/11](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Subject and Type

See Annex

Description

The trumpet gland is used for inserting non-fixed electrical cables.

The gland contains a seal. The cable clamp attached to the pressure screw enables the cable to be inserted without being displaced or twisted.

The cable is protected against damage by a trumpet-shaped opening.

Parameters

Permissible temperature range: -55 °C up to +75 °C

SPECIFIC CONDITIONS OF USE: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
Minor changes of "Parameters"

Annex:

[BVS_20_0077_Cooper_Issue1_Annex.pdf](#)



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Annex
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Subject and Type

Trumpet gland type GHG 960 19 .. R....



Thread size
(see table)

Color: 49 black
50 blue (cable clamp only)

	Thread	Cable Ø [mm]
R...1	M20 x 1.5	8 - 13
R...2	M25 x 1.5	11 - 16
R...3	M32 x 1.5	15 - 20
R...4	M40 x 1.5	19 - 27
R...5	M50 x 1.5	26 - 34
R...6	M63 x 1.5	35 - 46