

Translation

# EU-Type Examination Certificate

Equipment intended for use in potentially explosive atmospheres  
Directive 2014/34/EU

EU-Type Examination Certificate Number: **BVS 20 ATEX E 096**

Product: **Trumpet-shaped cable gland type GHG 960 19 .. R....**

Manufacturer: **Cooper Crouse-Hinds GmbH**

Address: **Neuer Weg-Nord 49, 69412 Eberbach, Germany**

This product and any acceptable variations thereto are specified in the appendix to this certificate and the documents referred to therein.

DEKRA Testing and Certification GmbH, Notified Body number 0158, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential Report No. BVS PP 20.2158 EU.

The Essential Health and Safety Requirements are assured in consideration of:

<b>EN IEC 60079-0:2018</b>	<b>General requirements</b>
<b>EN IEC 60079-7:2015 + A1:2018</b>	<b>Increased Safety "e"</b>
<b>EN 60079-31:2014</b>	<b>Protection by Enclosure "t"</b>

If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Special Conditions for Use specified in the appendix to this certificate.

This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

The marking of the product shall include the following:

 **II 2G Ex eb IIC Gb**  
**II 2D Ex tb IIIC Db**

DEKRA Testing and Certification GmbH  
Bochum, 2020-10-20

Signed: Jörg-Timm Kilisch

Managing Director

13 **Appendix**

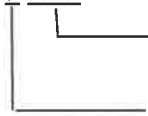
14 **EU-Type Examination Certificate**

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15 **Product description**

15.1 **Subject and type**

Trumpet-shaped cable gland  
type GHG 960 19.. R....



Thread size  
(see table)

Colour: 49 black  
50 blue (cable clamp only)

GHG 960 19..	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

15.2 **Description**

The trumpet-shaped cable gland type GHG 960 19.. R.... is used for inserting non-permanently fixed-cables into electrical equipment in type of protection Increased Safety "e" of Protection by Enclosure "t".

The trumpet-shaped cable gland consists of a trumped-shape, an adapter (intermediate gland), a cable clamp and a sealing ring. 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.

The blue-coloured cable clamp is only used for intrinsically safe circuits.

15.3 **Parameters**

Permissible temperature range of the cable glands -55 °C up to +75 °C

16 **Report Number**

BVS PP 20.2158 EU, as of 2020-10-20

17 **Special Conditions for Use**

None



**18 Essential Health and Safety Requirements**

The Essential Health and Safety Requirements are covered by the standards listed under item 9.

**19 Drawings and Documents**

Drawings and documents are listed in the confidential report.

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We confirm the correctness of the translation from the German original.  
In the case of arbitration only the German wording shall be valid and binding.

DEKRA Testing and Certification GmbH  
Bochum, 2020-10-20  
BVS-Hk/Mu A 20200666

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Managing Director

