



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 CML 19.0048X** Page 1 of 4 Certificate history:
Status: **Current** Issue No: 2 [Issue 1 \(2021-09-29\)](#)
[Issue 0 \(2019-06-04\)](#)
Date of Issue: 2024-03-26
Applicant: **Hawke International (A Division of Hubbell Limited) (A member of the Hubbell Group of Companies)**
Oxford Street West
Ashton-under-Lyne
OL7 0NA
United Kingdom
Equipment: **A Range of Barrier Type Cable Gland**
Optional accessory:
Type of Protection: **Flameproof, Increased Safety, Dust**
Marking: Ex db IIC Gb
Ex eb IIC Gb
Ex tb IIIC Db
IP 66
-60°C to +80°C

Approved for issue on behalf of the IECEx
Certification Body:

H M Amos

Position:

Technical Specialist

Signature:
(for printed version)

Date:
(for printed version)

March, 26, 2024

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:

Eurofins E&E CML Limited
Unit 1, Newport Business Park
New Port Road
Ellesmere Port, CH65 4LZ
United Kingdom





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Manufacturer: **Hawke International (A Division of Hubbell Limited) (A member of the Hubbell Group of Companies)**
Oxford Street West
Ashton-under-Lyne
OL7 0NA
United Kingdom

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 60079-1:2014](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
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 Reports:

[GB/CML/ExTR19.0096/00](#)

[GB/CML/ExTR21.0018/00](#)

[GB/CML/ExTR23.0028/00](#)

Quality Assessment Report:

[GB/BAS/QAR06.0061/10](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Refer to Certification Annex for full equipment description.

SPECIFIC CONDITIONS OF USE: YES as shown below:

Refer to certificate Annex for specific conditions of use.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Refer to certificate annex for details of changes.

Annex:

[Certificate Annex IECEx CML 19.0048X Iss 2.pdf](#)

Annexe to: IECEx CML 19.0048X Issue 2

Applicant: Hawke International (A Division of Hubbell Limited) (A member of the Hubbell Group of Companies)

Apparatus: A Range of Barrier Type Cable Gland

Description

Each of the following gland types may be manufactured in brass, stainless steel or aluminium and may be supplied with agreed alternative entry thread forms.

The Type CSB 656N Conduit Stopping Gland is intended for use with a number of conductors enclosed within a conduit or retained by a separate cable gland. The gland type is rated for ingress IP66. It comprises the following components: -

- a. An entry component in the size range A to F (M20 to M75)
- b. An elastomeric ferrule
- c. An epoxy barrier compound
- d. A compression assembly comprising a compression spigot with a female thread at the rear
- e. A dedicated back nut

Design options:

1. The use of a 3M cold Shrink tubing to be fitted to the outer sheath of specific non-circular cables as specified in the drawing 320000 and fitted into 'Os', 'O' and 'A' size of the CSB 656N barrier glands, to ensure that the IP sealing arrangement utilising the cable shrink tube assembly does not affect the assigned IP rating of the glands. The selection of the relevant cable gland to meet the protection concept for the cable and the enclosure it is fitted onto as detailed in EN 60079-14 is unaffected.
2. The gland assemblies as described above are rated for ingress protection IP66, 67, and IPX8 at 10m for 24 hours.

Variation 1

1. Update GA drawings.
2. Clarify the Ingress Protection IP ratings.
3. To review and update the cable glands against the latest standard.
4. To permit the update to gland sizes.
5. Update the marking.
6. To revise the product description.
7. To revise the specific conditions of use.

Conditions of Manufacture

None

Specific Conditions of Use

The following conditions relate to safe installation and/or use of the equipment.

- i. When the gland is used for increased safety, the entry thread shall be suitably sealed to maintain the ingress protection rating of the associated enclosure. Not applicable when Hawke IP seal is used.

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Components covered by Ex Certificates issued to older editions of Standards

None