



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 23.0001X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2023-05-08

Applicant: **Hawke International**
A Division of Hubbell Limited
A Member of the Hubbell Group of Companies
Oxford Street West
Ashton-under-Lyne
Lancashire OL7 0NA
United Kingdom

Equipment: **APEX C*e Range of Cable Glands**

Optional accessory:

Type of Protection: **Increased Safety "eb", Dust Ignition Protection "ta"**

Marking: Ex eb IIC Gb
Ex ta IIIC Da
IP66/67
Ts = -60°C to +130°C

Approved for issue on behalf of the IECEx
Certification Body:

S. Roumbedakis

Position:

Technical Manager

Signature:
(for printed version)

Date:
(for printed version)

2023-05-08

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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Certificate No.: **IECEx CML 23.0001X**

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Date of issue: 2023-05-08

Issue No: 0

Manufacturer: **Hawke International**
A Division of Hubbell Limited
A Member of the Hubbell Group of Companies
Oxford Street West
Ashton-under-Lyne
Lancashire 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 60079-31:2013](#) 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:

[GB/CML/ExTR23.0002/00](#)

Quality Assessment Report:

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



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Certificate No.: **IECEX CML 23.0001X**

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Date of issue: 2023-05-08

Issue No: 0

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The Hawke APEX C*e Range of cable glands are designed to form a seal around the outer sheath of a cable and are intended for use with a range of circular cables including armoured, non-armoured and braided cables. The gland type includes an integral armour/braid grounding device. The suitable service temperature is -60°C to +130°C

For full product description refer to Certificate Annex.

SPECIFIC CONDITIONS OF USE: YES as shown below:

Refer to Certificate Annex.

Annex:

[IECEX CML 23.0001X - Certificate Annex Iss 0_1.pdf](#)

Annexe to: IECEx CML 23.0001X Issue 0

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

Apparatus: APEX C*e Range of Cable Glands

Description

The Hawke APEX C*e Range of cable glands are designed to form a seal around the outer sheath of a cable and are intended for use with a range of circular cables including armoured, non-armoured and braided cables. The gland type includes an integral armour/braid grounding device. The suitable service temperature is -60°C to +130°C.

These cable glands are manufactured in brass, or stainless steel; all of which may be plated to suit the application. The glands may be provided with metric or imperial (NPT) entry threads (alternative thread types maybe applied). These cable glands are available in sizes Os (M16) up to and including F (M75). The glands utilise thermoset rubber seals.

The Hawke APEX C*e cable gland is comprised of the following components:

1. Entry
2. Deluge Boot
3. Armour Clamping Ring(s)
4. Middlednut
5. Compression Seal
6. Slip Ring
7. Backnut

The gland assemblies as described above are rated for ingress protection of IP66/67. Use of Hawke IP sealing washers may be considered a suitable sealing method to maintain IP rating to the enclosure (see conditions of use) and will maintain the service temperature of the APEX cable gland range.

These cable glands may be fitted with a Hawke Gland Mounted Clamp (GMC) accessory. When fitted, no additional clamping is required for fixed installations.

The APEX C*e is provided with configurable armour clamping options, typically marked with either CUe, CXe or CWe where:

- U = suits all types of Braid, Tape and Wire Armour
- X = generally suits Braid and Tape
- W = generally suits Wire Armour

All variants of the APEX C*e are suitable for installation onto unarmoured circular cable and are dimensionally identical with the exception of the type of ring supplied.





Conditions of Manufacture

None.

Specific Conditions of Use

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

- i. When the glands are used for increased safety or dust protection the entry thread shall be suitably sealed (in accordance with IEC 60079-14) to maintain the ingress protection rating of the associated enclosure. Not applicable when Hawke IP 66/67 sealing washer is used.
- ii. Glands for use with conduit, unarmoured or braided cables are only suitable for fixed installations, the cable for which must be effectively clamped to prevent pulling and twisting (does not apply when fitted with rear clamping device or Hawke Gland Mounted Clamp (GMC)).

Components covered by Ex Certificates issued to older editions of Standards

None.