



# 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)

Certificate No.: **IECEX CML 23.0001X** Page 1 of 4 [Certificate history:](#)  
Issue 0 (2023-05-08)

Status: **Current** Issue No: 1

Date of Issue: 2023-12-18

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 A2e, and 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:

**R C Marshall**

Position:

**Operations Director**

Signature:  
(for printed version)

Date:  
(for printed version)

2023-12-18

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Certificate issued by:

**Eurofins E&E CML Limited**  
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Ellesmere Port, CH65 4LZ  
**United Kingdom**





# IECEX Certificate of Conformity

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Date of issue: 2023-12-18

Issue No: 1

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 60079-31:2022](#) Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:3.0

[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/ExTR23.0002/00](#)

[GB/CML/ExTR23.0290/00](#)

Quality Assessment Report:

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



# IECEX Certificate of Conformity

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Date of issue: 2023-12-18

Issue No: 1

**EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The Hawke APEX A2e Range of cable glands are provided with a single seal, designed to form a seal around the outer sheath of a cable and are intended for use with circular non armoured and braided cables...

Refer to Annex for full description.

**SPECIFIC CONDITIONS OF USE: YES as shown below:**

Refer to Annex for specific conditions of use.



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Date of issue: 2023-12-18

Issue No: 1

## **DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)** **Issue 1**

This issue introduces the following changes:

1. The introduction of the APEX A2e range cable glands.
2. To update IEC 60079-31 to the latest edition.
3. To recognise an editorial change to the product description.
4. To recognise an editorial update to the Specific Condition of Use.

### **Annex:**

[IECEX CML 23.0001X Iss. 1 Certificate Annex.pdf](#)

**Annexe to:** IECEx CML 23.0001X Issue 1

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

**Apparatus:** APEX A2e, and APEX C\*e Range of Cable Glands

## Description

The Hawke APEX A2e Range of cable glands are provided with a single seal, designed to form a seal around the outer sheath of a cable and are intended for use with circular non armoured and braided cables.

The cable gland is comprised of the following components:

1. Entry
2. Compression Seal
3. Slip ring
4. Tailnut

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 cable gland is comprised of the following components:

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

All types of glands have a suitable service temperature of -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 up to and including F. The glands utilise thermoset rubber seals.

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.



Certificate Annex IECEx  
Version: 9.0 Approval: Approved

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The APEX C\*e is provided with configurable armour clamping options, typically marked with either CUe, CXe or CW e 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 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 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.