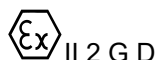


**UK Type Examination Certificate CML 21UKEX1164X Issue 0****United Kingdom Conformity Assessment**

- 1 Product or Protective System Indented for use in Potentially Explosive Atmospheres UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1
- 2 Equipment **A Range of Barrier Type Cable Gland**
- 3 Manufacturer **Hawke International (A Division of Hubbell Limited) (A member of the Hubbell Group of Companies)**
- 4 Address Oxford Street West,  
Ashton-under-Lyne,  
Lancashire, OL7 0NA  
United Kingdom
- 5 The equipment is specified in the description of this certificate and the documents to which it refers.
- 6 Eurofins E&E CML Limited, Newport Business Park, New Port Road, Ellesmere Port, CH65 4LZ, United Kingdom, Approved Body Number 2503, in accordance with Regulation 43 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended by UKSI 2019:696), certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations.  
  
The examination and test results are recorded in the confidential reports listed in Section 12.
- 7 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to conditions of safe use (affecting correct installation or safe use). These are specified in Section 14.
- 8 This UK Type Examination certificate relates only to the design and construction of the specified equipment. Further requirements of the Regulations apply to the manufacturing process and supply of the product. These are not covered by this certificate.
- 9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:

BS EN IEC 60079-0:2018      EN 60079-1:2014      EN IEC 60079-7:2015 +A1:2018  
EN 60079-31:2014

- 10 The equipment shall be marked with the following:



Ex db IIC Gb

Ex eb IIC Gb

Ex tb IIIC Db

IP 66/67/X8/X9

-60°C to +80°C





**CML 21UKEX1164X**  
**Issue 0**

## 11 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

## 12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	29 Sept 2021	R13593G/00	The issue of prime certificate.

Note: Drawings that describe the equipment are listed in the Annex.

## 13 Conditions of Manufacture

None.

## 14 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.

## Certificate Annex

**Certificate Number** CML 21UKEX1164X  
**Equipment** A Range of Barrier Type Cable Gland  
**Manufacturer** Hawke International (A Division of Hubbell Limited) (A member of the Hubbell Group of Companies)



The following documents describe the equipment defined in this certificate:

### Issue 0

	Drawing No.	Sheets	Rev	Approved /issued date	Title
01	320041	1 of 1	A	28-09-2021	Schedule drawing CSB 656 N
a	320031* - ** - ***	1 of 1	A	28-09-2021	ALT Compound chamber entry
b	320032* - ** - ***	1 of 1	A	28-09-2021	ALT Compound chamber
c	320023** - *** - ****	1 of 1	A	28-09-2021	Tail nut
d	320039** - ***	1 of 1	A	28-09-2021	Conduit gland body
e	320011* - *** - ****	1 of 1	A	28-09-2021	Thread form
<p>*These drawings are common to: CML 18ATEX1268X, CML 21UKEX1132X and IECEx CML 18.0131X CML 19ATEX1169X, CML 21UKEX1162X and IECEx CML 19.0047X</p> <p>**These drawings are common to: CML 19ATEX4507X, CML 21UKEX4133X and IECEx CML 21.0012X</p> <p>***These drawings are common to: CML 19ATEX1167X, CML 21UKEX1161X and IECEx CML 19.0045X</p> <p>****These drawings are common to: CML 19ATEX3164X, CML 21UKEX3163X and IECEx CML 19.0042X</p>					