



EU Type Examination Certificate CML 19ATEX1170X Issue 2

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 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 CML B.V., Chamber of Commerce No 6738671, Koopvaardijweg 32, 4906CV Oosterhout The Netherlands, Notified Body Number 2776, 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 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 Annex II to the Directive.

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 EU Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Article 13 apply to the manufacture of the equipment or component and are separately certified.
- 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:

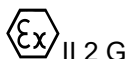
EN IEC 60079-0:2018

EN 60079-1:2014

EN IEC 60079-7:2015 +A1:2018

EN 60079-31:2014

- 10 The equipment shall be marked with the following:

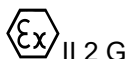


II 2 G

Ex db IIC Gb

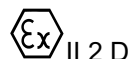
Tamb = -60°C to +80°C

IP 66



II 2 G

Ex eb IIC Gb



II 2 D

Ex tb IIIC Db



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11 Description

Type CSB 656N Conduit Stopping Gland

The Type CSB 656N Conduit Stopping Gland is intended for use with a number of circular conductors either enclosed within a conduit or as part of a cable which can be retained by a separate cable gland. The gland type is rated for ingress protection IP66 and IP67, except for J-size which is IP66 only. This cable gland is available in sized A (M20) up to including J (M100). The entry thread form is either metric or NPT equivalent. It comprises the following components: -

- a) An entry
- 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 backnut

Variation 1

This variation introduced the following changes:

- 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.

Variation 2

This variation introduced the following changes:

- 1. To introduce and update the certification product description to include type CSB 656N oversize cable gland J-Size.
- 2. To review and assess the CSB 656N Oversize cable glands J-Size against the latest technical knowledge IEC 60079-0:2017 Ed.7.
- 3. To review the CSB 656N Oversize cable gland J-Size against the latest Increase Safety requirements "Ex eb".
- 4. To amend the specific condition of safe use wording.
- 5. Introduction of new set of certification drawings.



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12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	04 June 2019	R11908A/00	The issue of the prime certification.
1	29 Sept 2021	R13593A/00	The introduction of variation 1. (UKEX)
2	26 Mar 2024	R16139A/00	The introduction of variation 2.

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

13 Conditions of Manufacture

None

14 Specific Conditions of Use (Special Conditions)

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

- i. 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 IP66/67 seal is used.

Certificate Annex

Certificate Number CML 19ATEX1170X Issue 2
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 or component defined in this certificate:

Issue 0

Drawing No	Sheets	Rev	Approved date	Title
CSB 656N	1 of 1	A	04/06/2019	General Arrangement for CSB 656N Gland

Issue 1

	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 and IECEx CML 18.0131X CML 19ATEX1169X and IECEx CML 19.0047X</p> <p>**These drawings are common to: CML 19ATEX4507X and IECEx CML 21.0012X</p> <p>***These drawings are common to: CML 19ATEX1167X and IECEx CML 19.0045X</p> <p>****These drawings are common to: CML 19ATEX3164X and IECEx CML 19.0042X</p>					

Issue 2

Drawing No	Sheets	Rev	Approved date	Title
320115	1 of 1	A	26 Mar 2024	CSB 656 N Oversize Entry Schedule Drawing
320116	1 of 1	A	26 Mar 2024	CSB 656 N Oversize Spigot Schedule Drawing
320117	1 of 1	A	26 Mar 2024	CSB 656 N Oversize Body Nut Schedule Drawing
320114	1 of 1	A	26 Mar 2024	CSB 656 N Oversize Schedule Drawing