



EU Type Examination Certificate CML 19ATEX1170X Issue 0

- 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, Hoogoorddreef 15, Amsterdam, 1101 BA, 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 60079-0:2018	EN 60079-7:2015
EN 60079-1:2014	EN 60079-31:2014

- 10 The equipment shall be marked with the following:



II 2 G D

Ex db IIC Gb

Ex eb IIC Gb

Ex tb IIIC Db

IP 66/67/69

-60°C to 80°C



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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 Compound Stopper Gland is intended for use with a number of conductors enclosed within a conduit, or retained by a separate cable gland and 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 60079-14:2014 is unaffected

12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	04/06/2019	R11908A/00	The issue of the prime certification.

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.

- 14.1 These glands are suitable for use within an operating temperature range of -60°C to +80°C.
- 14.2 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 66/67/69 seal is used.



Certificate Annex

Certificate Number CML 19ATEX1170X Issue 0
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