



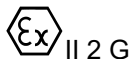
EU Type Examination Certificate CML 17ATEX1026X Issue 1

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Equipment **BDM Series Explosion-proof Cable Glands**
- 3 Manufacturer **Sunleem Technology Incorporated Company**
- 4 Address **No. 15 Xihenggang Street,
Yangchenghu Town,
Xiangcheng District,
Suzhou, Jiangsu
China 215138**

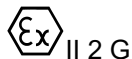
- 5 The equipment is specified in the description of this certificate and the documents to which it refers.
- 6 Certification Management Limited, Unit 1 Newport Business Park, New Port Road, Ellesmere Port CH65 4LZ, UK, Notified Body Number 2503, in accordance with Article 17 of Directive 2014/34/EU 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 60079-0:2012+A11:2013 EN 60079-1:2014 EN 60079-7:2015

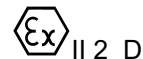
EN 60079-31:2014
- 10 The equipment shall be marked with the following:



Ex db IIC Gb
IP66
-50°C to +80°C



Ex eb IIC Gb
IP66
-50°C to +80°C



Ex tb IIIC Db
IP66
-50°C to +80°C



CML 17ATEX1026X
Issue 1

11 Description

The BDM Series Explosion-proof Cable Glands are a sealed explosion-proof structure comprising a main body and either a single or double sealing ring and compression nut. They provide for the connection between an explosion-proof enclosure and its associated cable. They are suitable for various types of armoured and non-armoured cables. The entry threadform may be customised according to the user requirements. They can be manufactured from carbon steel, brass or stainless steel. They utilise either a displacement type cable clamping device or compound filled sleeve and are for the following cable types:

BDM-I	Non-armoured cables.
BDM-II/A	Armoured cables. Incorporating a single sealing ring structure and a compound filled sleeve.
BDM-II/B	Armoured cables. Incorporating a single sealing ring structure, a compound filled sleeve and a female threaded compression nut.
BDM-III/A	Armoured cables. Incorporating a double sealing ring structure.
BDM-III/B	Armoured cables. Incorporating a double sealing ring structure and a female threaded compression nut.

12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	23 Aug 2017	R1601A/00	Issue of Prime Certificate
1	06 Mar 2019	R12239A/00	Change of company name and address

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

13 Conditions of manufacture

There are no conditions of manufacture.

14 Specific Conditions of Use (Special Conditions)

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

- 14.1 The temperature range at the point of mounting of the cable glands shall be between -50°C to +80°C

Certificate Annex



Certificate Number CML 17ATEX1026X
Equipment BDM Series Explosion-proof Cable Glands
Manufacturer Sunleem Technology Incorporated Company

The following documents describe the equipment or component defined in this certificate:

Issue 0

Drawing No	Sheets	Rev	Approved date	Title
2HRLM 531 1028	1 of 2	A.01	01 Aug 2017	BDM-I Explosion-proof cable gland
2HRLM 531 1028	2 of 2	A.01	01 Aug 2017	BDM-I Explosion-proof cable gland
2HRLM 531 1029	1 of 3	A.01	01 Aug 2017	BDM-II/A Explosion-proof cable gland
2HRLM 531 1029	2 of 3	A.01	01 Aug 2017	BDM-II/A Explosion-proof cable gland
2HRLM 531 1029	3 of 3	A.01	01 Aug 2017	BDM-II/A Explosion-proof cable gland
2HRLM 531 1030	1 of 3	A.01	01 Aug 2017	BDM-II/B Explosion-proof cable gland
2HRLM 531 1030	2 of 3	A.01	01 Aug 2017	BDM-II/B Explosion-proof cable gland
2HRLM 531 1030	3 of 3	A.01	01 Aug 2017	BDM-II/B Explosion-proof cable gland
2HRLM 531 1031	1 of 3	A.01	01 Aug 2017	BDM-III/A Explosion-proof cable gland
2HRLM 531 1031	2 of 3	A.01	01 Aug 2017	BDM-III/A Explosion-proof cable gland
2HRLM 531 1031	3 of 3	A.01	01 Aug 2017	BDM-III/A Explosion-proof cable gland
2HRLM 531 1032	1 of 3	A.01	01 Aug 2017	BDM-III/B Explosion-proof cable gland
2HRLM 531 1032	2 of 3	A.01	01 Aug 2017	BDM-III/B Explosion-proof cable gland
2HRLM 531 1032	3 of 3	A.01	01 Aug 2017	BDM-III/B Explosion-proof cable gland
8HRLM 091 1143	1 of 1	A.01	01 Aug 2017	BDM-II Armoured Ring
8HRLM 091 1144	1 of 1	A.01	01 Aug 2017	BDM-II Armoured Vertebral Body
8HRLM 156 1029	1 of 1	A.01	01 Aug 2017	BDM Compacted Gasket
8HRLM 177 1238	1 of 1	A.01	01 Aug 2017	BDM-I The Connector Body
8HRLM 177 1239	1 of 1	A.01	01 Aug 2017	BDM-II The Connector Body
8HRLM 210 1174	1 of 1	A.01	01 Aug 2017	BDM-II Packing Parts
8HRLM 370 1214	1 of 1	A.01	01 Aug 2017	BDM-II Sealing Ring
8HRLM 371 1219	1 of 1	A.01	01 Aug 2017	Sealing gasket
8HRLM 940 1326	1 of 1	A.01	01 Aug 2017	BDM-I Compacted Nut
8HRLM 940 1327	1 of 1	A.01	01 Aug 2017	BDM-II/A Nut
8HRLM 940 1328	1 of 1	A.01	01 Aug 2017	BDM-II/B Nut
8HRLM 940 1329	1 of 1	A.01	01 Aug 2017	BDM-II Gelan
8HRLM 940 1331	1 of 1	A.01	01 Aug 2017	Lock Nut

Certificate Annex



Certificate Number CML 17ATEX1026X
Equipment BDM Series Explosion-proof Cable Glands
Manufacturer Sunleem Technology Incorporated Company

Issue 1

	Drawing No.	Sheets	Rev	Approved /issued date	Title
01	2HRLM 531 1028	2	A.01	06/03/2019	BDM-I Explosion-proof cable gland
02	2HRLM 531 1029	3	A.01	06/03/2019	BDM-II/A Explosion-proof cable gland
03	2HRLM 531 1031	3	A.01	06/03/2019	BDM-III/A Explosion-proof cable gland