

UK Type Examination Certificate CML 21UKEX1254U Issue 0**United Kingdom Conformity Assessment**

- 1 Component Intended for use in Potentially Explosive Atmospheres
UKSI 2016:1107 (as amended) – Schedule 3A, Part 1
- 2 Component **MA/B Blanking Flanges**
- 3 Manufacturer **CMP Products Ltd**
- 4 Address **36 Nelson Way,
Nelson Park East,
Cramlington, NE23
1WH, United
Kingdom**
- 5 The component 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 Section 43 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), certifies that this component 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 The 'U' suffix after the certificate number indicates that the component is subject to limitations (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 component. 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:

EN 60079-0:2018 EN 60079-1:2014
- 10 The equipment shall be marked with the following:



Ex db I Mb



CML 21UKEX1254U
Issue 0

11 Description

The MA/B Blanking Flanges are manufactured from brass and are intended to blank off flameproof 'Ex d' enclosure entry apertures without compromising the explosion protection. They consist of a male non-threaded spigot portion, which is intended to be fastened into an entry point of its associated enclosure by two appropriately sized fasteners. The following sizes are available:

Gland title & size	Spigot entry diameter (mm)	Equipment entry hole diameter	
		Min. (mm)	Max. (mm)
CMP 20S MA/B	19.05	19.1	19.35
CMP 20 MA/B	19.05	19.1	19.35
CMP 25 MA/B	25.4	25.45	25.7
CMP 32 MA/B	31.75	31.8	32.05
CMP 40 MA/B	38.1	38.15	38.4
CMP 50S MA/B	50.8	50.85	51.1
CMP 50 MA/B	50.8	50.85	51.1
CMP 63S MA/B	63.5	63.55	63.8
CMP 63 MA/B	63.5	63.55	63.8
CMP 75S MA/B	76.2	76.25	76.5
CMP 75 MA/B	76.2	76.25	76.5

Design options:

Alternative metallic materials of manufacture: Mild steel and Stainless steel

12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	29 July 2021	R13914AQ/00	Issue of prime certificate. CML 18ATEX1333U, Issue 0 is attached and shall be referred to in conjunction with this certificate.

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

13 Conditions of Manufacture

None.



CML 21UKEX1254U
Issue 0

14 Schedule of Limitations

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

- i. The wall of the associated enclosure shall be provided with a mating aperture of at least 14.7 mm in length such as to provide a flamepath with a minimum length of 12.5 mm and of diameter in accordance with the following dimensions:

Gland title & size	Equipment entry hole diameter	
	Min. (mm)	Max. (mm)
CMP 20S MA/B	19.1	19.35
CMP 20 MA/B	19.1	19.35
CMP 25 MA/B	25.45	25.7
CMP 32 MA/B	31.8	32.05
CMP 40 MA/B	38.15	38.4
CMP 50S MA/B	50.85	51.1
CMP 50 MA/B	50.85	51.1
CMP 63S MA/B	63.55	63.8
CMP 63 MA/B	63.55	63.8
CMP 75S MA/B	76.25	76.5
CMP 75 MA/B	76.25	76.5

Certificate Annex

Certificate Number CML 21UKEX1254U
Component MA/B Blanking Flanges
Manufacturer CMP Products Ltd



The following documents describe the component defined in this certificate:

Issue 0

The drawing referenced in the ATEX certificate, CML 18ATEX1333U Iss 0, has been updated in this certificate with the UKCA number, this drawing fully defines the product.

Drawing No	Sheets	Rev	Approved date	Title
GA222	1 of 1	03	29 July 2021	ATEX Blank & Adaptor Flanges