



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Ex COMPONENT CERTIFICATE

Certificate No.: IECEx CML 18.0189U Issue No: 0 Certificate history:
Issue No. 0 (2019-03-28)

Status: **Current** Page 1 of 3

Date of Issue: **2019-03-28**

Applicant: **CMP Products Ltd**
36 Nelson Way, Nelson Park East, Cramlington, NE23 1WH
United Kingdom

Ex Component: **MA/FT Flange Adaptors**

This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).

Type of Protection: **Flameproof "db"**

Marking:
Ex db I Mb

Approved for issue on behalf of the IECEx
Certification Body:

R C Marshall

Position:

Certification Officer

Signature:
(for printed version)

Date:

2019-03-28

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

Certification Management Limited
Unit 1, Newport Business Park
New Port Road
Ellesmere Port, CH65 4LZ
United Kingdom





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Manufacturer: **CMP Products Ltd**
36 Nelson Way, Nelson Park East, Cramlington, NE23 1WH
United Kingdom

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex Component covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The Ex Component and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0
IEC 60079-1 : 2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the Ex Component listed has successfully met the examination and test requirements as recorded in

Test Report:

[GB/CML/ExTR18.0300/00](#)

Quality Assessment Report:

[GB/CML/QAR19.0001/00](#)



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Certificate No: IECEx CML 18.0189U

Issue No: 0

Date of Issue: 2019-03-28

Page 3 of 3

Schedule

Ex Component(s) covered by this certificate is described below:

The MA/TF Flange Adaptors are manufactured from brass and comprise a body with spigot portion and co-axial thread. The devices are provided with a male spigot/female thread to allow the fitting of threaded cable entry devices to flameproof 'Ex d' enclosures with a machined mating spigot aperture. The devices are fitted by means of two appropriately sized fasteners.

Refer to Annex for full description.

SCHEDULE OF LIMITATIONS:

Refer to Annex for schedule of limitations.

Annex:

[IECEX CML 18.0189U Iss. 0 Certificate Annex.pdf](#)

Annexe to: IECEx CML 18.0189U Issue 0
Applicant: CMP Products Ltd
Apparatus: MA/FT Flange Adaptors



Description

The MA/TF Flange Adaptors are manufactured from brass and comprise a body with spigot portion and co-axial thread. The devices are provided with a male spigot/female thread to allow the fitting of threaded cable entry devices to flameproof 'Ex d' enclosures with a machined mating spigot aperture. The devices are fitted by means of two appropriately sized fasteners. The following sizes are available:

Gland title & size	Spigot entry diameter (mm)	Equipment entry hole diameter		Maximum entry thread
		Min. (mm)	Max. (mm)	
CMP 20S MA/FT	19.05	19.1	19.35	M20 x 1.5
CMP 20 MA/FT	19.05	19.1	19.35	M20 x 1.5
CMP 25 MA/FT	25.4	25.45	25.7	M25 x 1.5
CMP 32 MA/FT	31.75	31.8	32.05	M32 x 1.5
CMP 40 MA/FT	38.1	38.15	38.4	M40 x 1.5
CMP 50S MA/FT	50.8	50.85	51.1	M50 x 1.5
CMP 50 MA/FT	50.8	50.85	51.1	M50 x 1.5
CMP 63S MA/FT	63.5	63.55	63.8	M63 x 1.5
CMP 63 MA/FT	63.5	63.55	63.8	M63 x 1.5
CMP 75S MA/FT	76.2	76.25	76.5	M75 x 1.5
CMP 75 MA/FT	76.2	76.25	76.5	M75 x 1.5

Design options:

Alternative metallic materials of manufacture: Mild steel and Stainless Steel

Alternative entry thread form: NPT – ANSI/ASME B1.20.2-1983

Notes:

- Sira 09ATEX1034U and IECEx SIR 09.0024U are superseded by this certificate.
- The product covered by Issue 0 of this certificate remains identical to that previously covered by Sira 09ATEX1034U and IECEx SIR 09.0024U.
- Where Sira 09ATEX1034U and IECEx SIR 09.0024U is specified in other product certification, or other technical specifications, this certificate reference for the product shall be used in its place; updating of the other product certificate or technical specification is not required.

Conditions of Manufacture

None.

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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/FT	19.1	19.35
CMP 20 MA/FT	19.1	19.35
CMP 25 MA/FT	25.45	25.7
CMP 32 MA/FT	31.8	32.05
CMP 40 MA/FT	38.15	38.4
CMP 50S MA/FT	50.85	51.1
CMP 50 MA/FT	50.85	51.1
CMP 63S MA/FT	63.55	63.8
CMP 63 MA/FT	63.55	63.8
CMP 75S MA/FT	76.25	76.5
CMP 75 MA/FT	76.25	76.5