



国家防爆

Electrical Apparatus for Explosive Atmospheres

# CERTIFICATE OF CONFORMITY

Cert. No.: CNEx15.1695U

**Manufacturer** Cable Managements Products Limited.  
(Address: Station Road, Coleshill, Birmingham, B46 1HT, United Kingdom)

**Name of Product** Female to female thread couplers

**Type of Product** —

**Marking** Ex d IIC Gb  
Ex e IIC Gb  
Ex tD A21 IP6X

**Standard** —

**Drawing No.** A0004

The drawings, technical documents and the samples are verified and certified according to standard(s) for safety as below:

- GB3836.1-2010 Explosive atmospheres Part 1: Equipment-General requirements
- GB3836.2-2010 Explosive atmospheres Part 2: Equipment protection by flameproof enclosures "d"
- GB3836.3-2010 Explosive atmospheres Part 3: Equipment protection by increased safety "e"
- GB12476.1-2013 Electrical apparatus for use in the presence of combustible dust -Part 1: General requirements
- GB12476.5-2013 Electrical apparatus for use in the presence of combustible dust Part 5: Protection by enclosures "tD"

**Note** See Annex(1 page).

**Valid Date** From Jun 15, 2015 to Jun 14, 2020

**Issue Date** Jun 15, 2015

**Director** 



CHINA NATIONAL QUALITY SUPERVISION AND TEST CENTRE FOR EXPLOSION PROTECTED ELECTRICAL PRODUCTS

Address: No.20 North Zhongjing Rd, Nanyang, Henan(473008), P.R.China  
Tel: 0377-63258564 Fax: 0377-63208175 Http://www.china-ex.com



Note: This certificate is only valid for the products which identify with the sample(s) tested and verified. Holder(s) of this certificate have the responsibility to ensure the products complying with relevant standard(s).



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Annex

Page 1 of 1

1. This product have obtained IECEx certificate, Cert. No.: IECEx BAS 08.0121U.
2. Special conditions for safe use:
  - 1) A range of female to female threaded couplers having either metric or NPT thread forms. The couplers are manufactured in brass, stainless steel or steel. The female thread at each end of the coupler is the same e.g. M20 to M20. The couplers are intended to allow the fitting of a flameproof sealing device at the entry to a flameproof enclosure having a male thread, and may also be used to allow the connection of a sealing device to open conduit or other open devices at the boundary between a zone 1 and zone 2 area.

Metric	M20	M25	M32	M40	M50	M63
NPT	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"

- 2) These couplers are suitable for use within an operating temperature range of -60°C to +200°C.
- 3) When the couplers are used for increased safety or dust protection, the entry threads shall be at 6mm long and suitably sealed, in accordance with GB3836.15, to maintain the ingress protection rating of the associated enclosure if in excess of IP54.
- 4) When used with flameproof enclosures an Exd certified flameproof fitting suitable for the conditions of use must be fitted into the outer female thread to prevent excessive increase in enclosure volume of the flameproof enclosure.
- 5) A sealing fitting shall be fitted at the coupler where the zone interface occurs to prevent the transmission of gases through the fitting.
- 6) When used with plastic parts earth continuity requirements must be considered.

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