



国家防爆

# Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY

Cert. No.: CNEx15.1693X

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

**Name of Product** Conduit

**Type of Product** EXB, EXBB, XESX Conduit Range and EXPQ, EXBQ Range of

**Marking** Ex e IIC Gb  
Ex tD A21 IP66

**Standard** —

**Drawing No.** A0006, A0007, A0008, A0009

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
- GB3836.3-2010 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(2 pages).

**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](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

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1. This product have obtained IECEx certificate, Cert. No.: IECEx CES 14.0013X.
2. The conduit range consists of the EBX, EXBB, XESX and XESXB conduit types together with the EXPQ\* and EXBQ\* fittings.
3. Service temperature  
 EXB Sizes 03 to 08 (-20°C to +80°C);  
 EXB Sizes 09 to 10 (-40°C to +85°C)  
 EXBB Sizes 03 to 08 (-20°C to +80°C)  
 XESX Sizes 02 to 08 (-40°C to +85°C)  
 XESXB Sizes 02 to 08 (-40°C to +85°C)
4. All three conduit types have a corrugated outer profile, the (B) suffix denoted stainless steel over braiding. The EXPQXXXXX conduit fitting components may be manufactured in brass or stainless steel which may be coated or plated to suit the application. The combined sealing and clamping ring is manufactured from silicone rubber. The fitting comprises a back-nut which is passed over the conduit; the sealing ring is then placed over the conduit and has one, or two, (depending on conduit diameter) internal sections that locate in the corrugated section of the conduit. The conduit is located in the body of the fitting such that the seal is displaced, up on the tightening of the back-nut onto the body and forms a seal with the fitting and retains the conduit. The body may be provided with metric or NPT male entry thread forms.
5. The EXBB conduit is identical to the EXB conduit but is fitted with an external layer of stainless steel braid. The EXBQXXXXX fitting is similar to the EXPQ fitting but is fitted with an additional external clamping mechanism that locates on to a modified backnut and is used to clamp the stainless braid.
6. The XXXXX is used to identify the thread form size and conduit size for the fitting.
7. The XESX conduit is similar to the EXB conduit but is constructed in three layers.
8. The XESXB conduit system is identical to the XESX but is fitted with an external layer of stainless steel braid.

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9. Special conditions for safe use:

- 1) These glands are suitable for use within an operating temperature range listed above.
- 2) When the frame is used for increased safety or dust protection, the glands shall be suitably sealed (in accordance with IEC 60079-14) to maintain the ingress protection rating of the associated enclosure.
- 3) The apparatus has been subject to the impact tests corresponding to 'low risk of mechanical damage' and is therefore restricted to use in areas where the risk of mechanical damage is designated as low.

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