



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

Certificate No.: IECEx BAS 08.0001X Issue No: 2 Certificate history:
Status: **Current** Page 1 of 5 [Issue No. 2 \(2015-05-12\)](#)
Date of Issue: **2015-05-12** [Issue No. 1 \(2014-06-09\)](#)
[Issue No. 0 \(2008-04-09\)](#)

Applicant: **Cable Management Products Ltd (A Thomas & Betts Company)**
Also T/A Kopex-Ex and Kopex International Ltd
Station Road
Coleshill
Birmingham
B46 1HT
United Kingdom

Electrical Apparatus: **EXB/EXBB and XESX Conduit Range and EXPQ and EXBQ Range of Fittings**

Optional accessory:

Type of Protection: **Ex e, Ex tb**

Marking: **Ex e IIC Gb
Ex tb IIIC Db IP66 (Tamb -**°C to +**°C)
see schedule

Approved for issue on behalf of the IECEx
Certification Body:

R. S. Sinclair

Position:

Technical Manager

Signature:
(for printed version)

Date:

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](#).

Certificate issued by:



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SGS Baseefa Limited
Rockhead Business Park
Staden Lane
Buxton
Derbyshire
SK17 9RZ
United Kingdom





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Manufacturer: **Cable Management Products Limited**
Also T/A Kopex International Ltd
Station Road
Coleshill
Birmingham
B46 1HT
United Kingdom

Additional Manufacturing
location(s):

PMA AG
Aathalstrasse 90
8610 Uster
Switzerland

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 products 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 electrical apparatus 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 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-31 : 2008 Edition:1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
IEC 60079-7 : 2006-07 Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*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 equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[GB/BAS/ExTR08.0002/00](#) [GB/BAS/ExTR12.0234/00](#)

Quality Assessment Report:

[CH/SEV/QAR14.0006/00](#) [GB/BAS/QAR06.0024/05](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The conduit range consists of the EBX, EXBB, XESX and XESXB conduit types together with the EXPQ* and EXBQ* fittings.

The ambient operating temperature range of the equipment is dependent on the conduit type and size as follows:-

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)

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.

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.

The XXXXX is used to identify the thread form size and conduit size for the fitting.

The XESX conduit is similar to the EXB conduit but is constructed in three layers.

The XESXB conduit system is identical to the XESX but is fitted with an external layer of stainless steel braid.

CONDITIONS OF CERTIFICATION: YES as shown below:

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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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Variation 2.1

To introduce an alternative manufacturing location.

File Reference: 15/0378