

 IECEX Certificate of Conformity	
INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres <small>for rules and details of the IECEX Scheme visit www.iecex.com</small>	
Certificate No.:	IECEX ITS 12.0079X issue No.:0 Certificate history:.....
Status:	Current
Date of Issue:	2013-01-25 Page 1 of 3
Applicant:	Ex Innovations Ltd Trading as Raxton Kingsway South, Westgate, Aldridge, West Midlands, WS9 8FS, United Kingdom United Kingdom
Electrical Apparatus: Optional accessory:	EG and EF Cable Glands
Type of Protection:	Flameproof d, Increased Safety e and dust protection t
Marking:	IECEX ITS 12.0079X Ex d IIC Gb / Ex e IIC Gb Ex tb IIIC Db IP6X -60°C ≤ Ta ≤ 80°C
Approved for issue on behalf of the IECEX Certification Body:	V K Varma
Position:	Certification Officer
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: Intertek Testing & Certification Limited ITS House, Cleeve Road, Leatherhead, Surrey, KT22 7SB United Kingdom 	
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Manufacturer:	Ex Innovations Ltd Trading as Raxton Kingsway South, Westgate, Aldridge, West Midlands, WS9 8FS, United Kingdom 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 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 60079-1 : 2007-04 Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
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"
<i>This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.</i>	
TEST & ASSESSMENT REPORTS: A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in	
Test Report: GB/ITS/ExTR13.0001/00	

Quality Assessment Report:

GB/SIR/QAR07.0016/03



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Raxton Compound stopper box type EG (Thread sizes M16 – M63 or equivalent) is designed to seal conductors at the entry to the enclosure via conduit or to enable an existing suitably rated and approved compression gland which is then converted to a barrier gland by the fitment of this stopper box. The compound stopper box allows compound to be packed around individual insulated conductors. Assembly of the component compresses the packing material and distributes the compound evenly to effect a barrier at point of entry into the enclosure. The compound stopper box is supplied with compound in a pack, complete with making off instructions and gloves. The Raxton compound stopper box is marked with the appropriate approval information

The Raxton flameproof flexible conduit cable glands type EF (Thread size M20 – M63 or equivalent) are for use in the appropriate Hazardous areas providing environmental protection IP6X and for the facilitation of connection to flexible conduit. The cable gland allows compound to be packed around individual insulated conductors. Assembly of the component compresses the packing material and distributes the compound evenly to effect a barrier at point of entry into the enclosure. The cable gland is supplied with compound in a pack, complete with making off instructions and gloves. The metric parallel threads have 8 full threads of engagement and medium tolerance fit 6H/6g. They are suitable for normal industrial environments of temperature, humidity and vibration. Construction materials include Steel BS970 EN 1A, Stainless Steel, Brass CZ121/CZ122, or Aluminium alloy. All these materials contain less than 7.5% Magnesium and Titanium by mass

CONDITIONS OF CERTIFICATION: YES as shown below:

1. The cable entries are only suitable for fixed installations. Cable must be effectively clamped from pulling or twisting
2. Cable glands shall not be used in enclosures where the temperatures at the point of entry / mounting are outside the range of -60°C to +80°C
3. Install in accordance with the requirements of IEC 60079-14
4. The cable entries shall be used in accordance with indications given by the manufacturer with its documentation
5. No more than 80% of the cross sectional area of the compound shall be occupied by cable