



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 SIR 10.0025U	Issue No: 2	Certificate history:
Status:	Current	Page 1 of 6	Issue No. 2 (2013-01-30)
Date of Issue:	2013-01-30		Issue No. 1 (2012-08-17)
Applicant:	Issue No. 0 (2010-06-03)		
Electrical Apparatus:	EX Innovations Limited Trading as Raxton		
Optional accessory:	Jepson Court Tancred Close Queensway Royal Leamington Spa Warwickshire CV31 3RZ United Kingdom		
Type of Protection:	Angled, Inline and Twin Inlet Swivel Adapters		
Marking:	Flameproof, increased safety, dust ingress protection		
	Ex d I Mb Ex e I Mb (not aluminium products) Ta = -20°C to +60°C		
	Ex d IIC Gb Ex e IIC Gb Ex tb IIC Db IP 6X Ta = -20°C to +60°C		

Approved for issue on behalf of the IECEx
Certification Body:

A C Smith

Position:

Certification 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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SIRA Certification Service
Rake Lane
Eccleston
Chester
CH4 9JN
United Kingdom





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Manufacturer: **EX Innovations Limited Trading as Raxton**
Unit 1
1 Kingsway South
Aldridge
Walsall WS9 8FS
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 : 2007-10 Edition:5	Explosive atmospheres - Part 0:Equipment - 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"

*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/SIR/ExTR10.0122/00	GB/SIR/ExTR12.0200/00	GB/SIR/ExTR13.0009/00
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Quality Assessment Report:

GB/SIR/QAR07.0016/01	GB/SIR/QAR07.0016/02	GB/SIR/QAR07.0016/03
GB/SIR/QAR07.0016/04		



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The range of inline and 90° swivel adapters are designed to convert existing cable entries to different thread forms and/or sizes. Threads available are be
Each device comprises of two threaded entry parts and a 'spinning' internal component. The components are assembled such that flamepaths are formed
The range of inline and 90° swivel adapters can be fitted within an Ex d, Ex e or Ex tb enclosure or any combination provided the applicable Code of Pract
The adapters, when installed in accordance with the manufacturer's instructions, are capable of providing, with an enclosure on which they are fixed, an in

CONDITIONS OF CERTIFICATION: NO



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EQUIPMENT (continued):

The following special points for noting apply:

Service temperature range limitations are listed below

1.

Type of protection	Service Temperature
Ex d I Mb	-20°C to +60°C*
Ex e I Mb	-50°C to +150°C*
Ex d IIC Gb	-20°C to +60°C*
Ex e IIC Gb	-50°C to +200°C*
Ex tb IIIC Db	-50°C to +200°C*

* Unless fitted with an interface sealing O-ring with lower properties, temperatures shall then be limited as per the manufacturers instructions

Conditions of manufacture

The Manufacturer shall comply with the following:

1.

These products shall be marked in accordance with the information as specified in this certificate and related reports.



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

Issue 1 – this Issue introduced the following changes:

- 1 The Twin Inlet Swivel Adapters were approved to be added to the range.
- 2 The title was changed to recognise the new models.

Issue 2 – this Issue introduced the following changes:

1. The recognition that the company name and address has changed from Raxton Ltd, Westgate, Aldridge, West Midlands WS9 8FS to EX Innovations Ltd., Trading as Raxton at Jepson Court, Tancred Close, Queensway, Royal Leamington Spa, Warwickshire CV31 3RZ.
2. The introduction of a Condition of Manufacture.