



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

Status: **Current**

Certificate history:
Issue No. 2 (2013-1-30)
Issue No. 1 (2012-8-17)
Issue No. 0 (2010-6-3)

Date of Issue: **2013-01-30** Page 1 of 5

Applicant: **EX Innovations Limited Trading as Raxton**
Jepson Court
Tancred Close
Queensway
Royal Leamington Spa
Warwickshire CV31 3RZ
United Kingdom

Electrical Apparatus: **Angled, Inline and Twin Inlet Swivel Adapters**
Optional accessory:

Type of Protection: **Flameproof, increased safety, dust ingress protection**

Marking: 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 IIIC 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:

2013-01-30

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](http://www.iecex.com).

Certificate issued by:

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

sira
CERTIFICATION



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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 Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 5
IEC 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition: 6
IEC 60079-31 : 2008 Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
Edition: 1
IEC 60079-7 : 2006-07 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition: 4

*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](#)

Quality Assessment Report:

[GB/SIR/QAR07.0016/01](#)
[GB/SIR/QAR07.0016/04](#)

[GB/SIR/QAR07.0016/02](#)

[GB/SIR/QAR07.0016/03](#)



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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 between M20 and M75.

Each device comprises of two threaded entry parts and a 'spinning' internal component. The components are assembled such that flamepaths are formed at both entry threads and around the spinning components and such that connection at both ends is achieved without twisting the cable.

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 Practice is complied with.

The adapters, when installed in accordance with the manufacturer's instructions, are capable of providing, with an enclosure on which they are fixed, an ingress protection rating of IP 66.

CONDITIONS OF CERTIFICATION: NO

Empty box for conditions of certification.



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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.