



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 09.0086U** issue No.:1

Status: **Current**

Certificate history:
Issue No. 1 (2013-1-30)
Issue No. 0 (2009-8-14)

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: **Type FG and FN Right Angle Adaptors - Drawing No. 831**
Optional accessory:

Type of Protection: **Flameproof, Increased Safety and Dust**

Marking: Ex d I/IC Mb/Gb
Ex e I/IC Mb/Gb
Ex IIIC tb Db

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
Eccleston
Chester
CH4 9JN
United Kingdom

sira
CERTIFICATION



IECEX Certificate of Conformity

Certificate No.: IECEX SIR 09.0086U
Date of Issue: 2013-01-30 Issue No.: 1
Page 2 of 5

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 60079-7 : 2006-07 Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
IEC 61241-1 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

*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/ExTR09.0123/00

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



IECEX Certificate of Conformity

Certificate No.: IECEX SIR 09.0086U

Date of Issue: 2013-01-30

Issue No.: 1

Page 3 of 5

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

These are a range of right angled adaptors, each comprising a brass or stainless steel body with a male thread at one end a female thread machined into the body at 90° to the male thread. The components are designed to provide cable entry options where space is limited or to avoid cable damage, additionally, they may be used to convert an existing cable entry aperture to a different thread form and / or size. Threadforms are between M16 and M75 (to BS 3643:1981) inclusive, the male thread being the same or one standard thread size larger than the female. Alternatively, the component may be machined such as to have female threads at both ends.

Material options: Brass to BS 2874:1985
Brass to BS 2872:1989
Stainless steel to BS 970: part 4:1970
Mild steel to BS 970: Part 1: 1983

Entry thread options: Metric to BS 3643:1981
ET Conduit to BS 31:1940
PG to DIN 40430:1971
BSPP to BS 2779:1985
BSPT to BS 21:1985
NPT to ANSI/ASME B1.20.1-1983

CONDITIONS OF CERTIFICATION: NO



IECEx Certificate of Conformity

Certificate No.: IECEx SIR 09.0086U

Date of Issue: 2013-01-30

Issue No.: 1

Page 4 of 5

EQUIPMENT(continued):

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.



IECEX Certificate of Conformity

Certificate No.: IECEX SIR 09.0086U

Date of Issue: 2013-01-30

Issue No.: 1

Page 5 of 5

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

Issue 1 – this Issue introduced the following changes:	
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| 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 |