



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

Certificate No.:  issue No.:

Status:

Date of Issue:  Page 1 of 3

Applicant: **Raxton Limited**  
Westgate  
Aldridge  
West Midlands WS9 8FS  
United Kingdom

Electrical Apparatus: **Type AR and BR Male/Male Adaptor and Types AU and AX Female/Female Adaptors**  
*Optional accessory:*

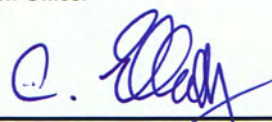
Type of Protection: **Flameproof, Increased Safety and Dust**

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

*Approved for issue on behalf of the IECEx  
Certification Body:* C Ellaby

*Position:* Certification Officer

*Signature:  
(for printed version)*

  
\_\_\_\_\_  
2009-08-14

*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](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 09.0084

Date of Issue: 2009-08-14

Issue No.: 0

Page 2 of 3

Manufacturer: **Raxton Limited**  
Westgate  
Aldridge  
West Midlands WS9 8FS  
United Kingdom

**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:

|  |  |
|--|--|
| <b>IEC 60079-0 : 2007-10</b><br>Edition: 5 | Explosive atmospheres - Part 0: Equipment - General requirements   |
| <b>IEC 60079-1 : 2007-04</b><br>Edition: 6 | Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"                        |
| <b>IEC 60079-7 : 2006-07</b><br>Edition: 4 | Explosive atmospheres - Part 7: Equipment protection by increased safety "e"                             |
| <b>IEC 61241-1 : 2004</b><br>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](#)

Quality Assessment Report:

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



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Page 3 of 3

## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

These are a range of adaptors that are used to convert an existing cable entry aperture to a different thread form and / or size. They each comprise a hollow body with either male threads (types AR and BR) or female threads (types AU, AX, BU and BX) at each end. The thread forms are between M16 and M75. Thread combinations are such that a maximum of one 'standard' size difference is maintained. Type designations determine thread combinations and body profiles.

Material options: Brass to BS 2874:1985  
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 2779:1973  
BSPT to BS 21:1985  
NPT to ANSI/ASME B1.20.1-1983

CONDITIONS OF CERTIFICATION: NO

