

GROUP I & II

1 **CERTIFICATE OF CONFORMITY - Component**

2 SCS No. Ex 97D1083U

3 This Certificate is issued for the electrical component:

EEx e and EEx d IIC Cable Gland Adaptors, Reducers, and Stopping Plugs.

4 Manufactured by:

Redapt Ltd
Units 46 & 47 Darlaston Central Trading Estate
Salisbury Street
Darlaston
West Midlands WS10 8XB

5 Submitted for certification by:

The Manufacturer

6 This electrical component and any acceptable variation thereto is specified in the schedule to this Certificate and the documents therein referred to.

7 Sira Certification Service being an Approved Certification Body in accordance with Article 14 of Directive 76/117/EEC and 82/130/EEC of the Council of the European Communities of 18 December 1975 and 15 February 1982 respectively, certifies that the component has been found to comply with the following harmonised European Standards:

EN 50 014:1977 (amendments A1-A5)
EN 50 018:1977 (amendments A1-A3)
EN 50 019:1977 (amendments A1 -A5)

and has successfully met the examination and test requirements which are recorded in a confidential test report (No.RF51A4289B)

8 The component marking shall include the code:

EEx de I & IIC

Dated 22 September 1997
Re-Issued 29 October 1997
File No. 51A4289

I D Knott
Chief Executive

This certificate and its schedules may only be reproduced in its entirety and without change



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- 9 The supplier of the electrical component referred to in this Certificate has the responsibility to ensure that the component conforms to the specification laid down in the Schedule to this Certificate and has satisfied the routine verifications and tests referred to therein.

The use of this component will normally be the subject of National Legislation and/or Installation Codes.

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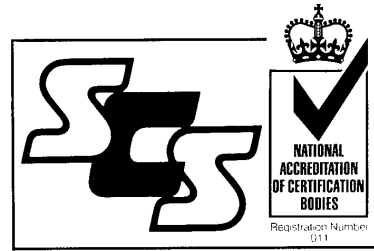
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Sira Certification Service

South Hill, Chislehurst, Kent, BR7 5EH, England
Tel: 0181 467 2636 Fax: 0181 295 1990

SCS is the certification service of Sira Test & Certification Ltd

SCHEDULE



CERTIFICATE OF CONFORMITY SCS No. Ex 97D1083U

Dated: 22 September 1997
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COMPONENT

A range of gland adaptors and reducers designed for interposition between a suitably certified cable gland and enclosure. Each component comprises a tubular brass body with a female thread (up to a 100 mm metric conduit) at one end, for the attachment of the cable gland, and a male (up to 100 mm metric conduit) at the other end to allow fitting to the enclosure. An undercut provides for the fitting of an 'O' ring seal.

A range of blanking plugs is manufactured from brass with a male thread (up to 100 mm metric conduit) and is designed to provide closure of unused apertures in enclosures. An undercut provides for the fitting of an 'O' ring seal.

Design option:

- 1 Alternative threadforms:
 - Pg to DIN 40430:1971
 - BSP to BS 21:1985
 - ET to BS 31:1979
 - NPT to ANSI B1.20.1:1983

- 2 Alternative materials of manufacture:
 - Stainless steel to BS 970:1983
 - Mild steel to BS 970:1983
 - Aluminium to BS 4300/5 **this variant is not for Group I use.**

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DRAWINGS

Drawing No	Sheet	Issue	Date	Description
88.B.2E97	1 of 1	2	22 Jul 97	EEx 'e' & EExd IIC Reducers up to 100 mm male or equivalent
88.B.1E97	1 of 1	2	22 Jul 97	EEx 'e' & EExd IIC Adaptors up to 100 mm male or equivalent
88.B.3E97	1 of 1	1	04 Jul 97	EEx 'e' & EExd IIC Blanking Plugs up to 100 mm male or equivalent

CONDITIONS OF CERTIFICATION

- 1 The use of the Sira Certification Service Mark is subject to the regulations applicable to the holders of SCS certificates.
- 2 This certificate relates only to the component specified herein as executed in the samples supplied for evaluation.
- 3 In affixing the SCS certificate number to the component the manufacturer attests on his own responsibility that the component conforms to the documents listed herein.

If the marked component is found not to comply Sira Certification Service should be notified immediately at its office at South Hill, Chislehurst, Kent BR7 5EH, England.
- 4 The component and that part of the manufacturer's quality management system controlling the production of the component covered by this certificate shall be subject to periodic surveillance by SCS in accordance with the regulations applicable to the holders of SCS certificates.
- 5 The aluminium variants are not permitted for Group I use.

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