



1 **EC TYPE-EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

3 Certificate Number: Sira 01ATEX1270X

4 Equipment: A8F, D8F and E8F Ranges of Cable Glands

5 Applicant: Peppers Cable Glands Ltd

6 Address: Stanhope Road
Camberley
Surrey
GU15 3BT

7 This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Sira Certification Service, notified body number 0518 in accordance with Article 9 of Directive 94/9/EC of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report number R53A8358B.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 50014: 1997 + amendments A1 and A2

EN 50018: 2000

EN 50019: 2000

EN 50281-1-1: 1998

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC type-examination certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

12 The marking of the equipment shall include the following:



II 2 GD

EEx d IIC/EEx e II

Project Number 53A9552
Date 24 January 2002
Re-issued 17 December 2002
C. Index 07

C Ellaby 
Certification Officer

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

Sira Certification Service

Rake Lane, Eccleston, Chester, CH4 9JN, England
Tel: +44 (0) 1244 670900 Fax: +44 (0) 1244 681330
Email: exhazard@siratc.co.uk



SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

Sira 01ATEX1270X

Re-issued 17 December 2002

To permit report number R53A8358B to replace report number R53A8358A

13 DESCRIPTION OF EQUIPMENT

These cable glands are intended for use with flat profile cables. The A8F range may be used with any cable type where sealing and retention is required by gripping the outer sheath (this includes armoured/screened/braided cables, the armour/screen/braid being clamped inside the terminating equipment). The D8XF and E8XF have an additional clamp to grip copper braid and woven steel wire armour. The D8XF seals and grips the inner sheath and the E8XF seals and grips the inner and outer sheaths. Construction materials are brass, mild steel or stainless steel. In all cases, the seal materials are silicone.

Glands are available in the size range 20S, 20R and 20 with an M20 x 1.5 metric entry thread. Alternative equivalent size entry thread forms are available.

14 DESCRIPTIVE DOCUMENTS

14.1	Drawing No.	Sheet	Rev.	Date	Title
	PCG/ATX/1M	1 of 1	1	22 Nov 01	ATEX Component Entry Body Parts 1M, 1M9
	PCG/ATX/3M	1 of 1	1	01 Mar 01	ATEX Component Cone Parts 3M, 3MX
	PCG/ATX/4M	1 of 1	1	07 Nov 01	ATEX Component Cap Part 4M
	PCG/MATS/SB	1 of 1	1	20 Sep 01	Standard Materials ATEX Certified Glands Using "M", "V" and "N" Components
	PCG/ETDMV	1 of 1	1	20 Sep 01	Standard Thread Chart ATEX Certified Glands Using "M", "V" and "N" Components
	PCG/ATX/UF	1 of 1	2	16 Aug 02	ATEX Instrument Range Flat Cable (Heat Trace) Unarmoured Type A8F
	PCG/ATX/BF	1 of 1	2	10 Sep 02	ATEX Instrument Range Flat Cable (Heat Trace) Armoured Types D8XF and E8XF
	PCG/ATX/4MR	1 of 1	1	20 Nov 01	ATEX Instrument Component Cap, M25 Conduit Part 4MR
	PCG/ATX/8M	1 of 1	1	11 Oct 01	ATEX Component Compression Bush Part 8M
	PCG/ATX/11MR	1 of 1	1	20 Nov 01	ATEX Instrument Component Skid Washer Parts 11MIR, 11MOR
	PCG/ATX/61M	1 of 1	1	11 Oct 01	ATEX Instrument Component Entry Body Part 61M
	PCG/ATX/63M	1 of 1	1	11 Oct 01	ATEX Instrument Component Cone Part 63M
	PCG/ATX/72M	1 of 1	1	11 Oct 01	ATEX Instrument Component Seal – Slotted Parts 72MIS, 72MOS
	PCG/ATX/74M	1 of 1	1	20 Nov 01	ATEX Instrument Component Compression Bush Parts 74MI and 74MO
	PCG/ATX/75M	1 of 1	1	11 Oct 01	ATEX Instrument Component Compression Cap Part 75M
	PCG/ATX/12M	1 of 1	1	16 Aug 02	ATEX Component A8 Cap Part 12M

14.2 Report No. R53A8358B

Date 24 January 2002

Re-issued 17 December 2002

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

Sira Certification Service

Rake Lane, Eccleston, Chester, CH4 9JN, England
Tel: +44 (0) 1244 670900 Fax: +44 (0) 1244 681330
Email: exhazard@siratc.co.uk

Sira Certification Service is a service of Sira Test & Certification Ltd



SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

Sira 01ATEX1270X

- 15 **SPECIAL CONDITIONS FOR SAFE USE** (denoted by X after the certificate number)
- 15.1 The A8F, D8F and E8F ranges of cable glands shall not be used with group EEx d IIC enclosures with a volume greater than 2000 cm³.
- 15.2 The A8F, D8F and E8F ranges of cable glands shall not be used in enclosures where the temperature, at the point of mounting, is outside the range of -60°C to +180°C.
- 15.3 The A8F range of cable glands shall only be used for fixed installations, in addition, the cables must be effectively clamped to prevent pulling or twisting.
- 16 **ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II** (EHSRs)
- The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in Report No. R53A8358B.
- 17 **CONDITIONS OF CERTIFICATION**
- 17.1 The use of this certificate is subject to the Regulations Applicable to Holders of SCS Certificates.
- 17.2 Holders of EC type-examination certificates are required to comply with the production control requirements defined in Article 8 of directive 94/9/EC.

Date 24 January 2002
Re-issued 17 December 2002

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

Sira Certification Service

Rake Lane, Eccleston, Chester, CH4 9JN, England
Tel: +44 (0) 1244 670900 Fax: +44 (0) 1244 681330
Email: exhazard@siratc.co.uk

Sira Certification Service is a service of Sira Test & Certification Ltd