



1 **CERTIFICATE OF CONFORMITY**

2 SCS No: Ex 95C1077

3 This Certificate is issued for the electrical apparatus:

IP3000 Ex d Shaft Encoder

4 Manufactured by:

Hohner Automation Limited
Whitegate Road
Wrexham
Clwyd LL13 8RB

5 and submitted for certification by:

The Manufacturer.

6 This electrical apparatus 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 the Council Directive of the European Communities of 18 December 1975 (76/117/EEC) certifies that the apparatus has been found to comply with the Harmonised European Standards:

BS5501:Part 1:1977 (EN50 014 amendments A1 to A5)

BS5501:Part 5:1977 (EN50 018 amendments A1 to A3)

and has successfully met the examination and test requirements which are recorded in a confidential ST&C Test Report No. R/511/3186/A.

8 The apparatus marking shall include the code:

EEx d IIC T6 Tamb +60 °C.





Certificate SCS No: Ex 95C1077

- 9 The supplier of the electrical apparatus referred to in this Certificate has the responsibility to ensure that the apparatus conforms to the specification laid down in the schedule to this Certificate and has satisfied the routine verifications and tests referred to therein.
- 10 This apparatus may be marked with the Distinctive Community Mark specified in Annex II to the Council Directive of 16 January 1984 (84/47/EEC).

Date: 18 October 1995

File No: PS/1041/00


PP I D Knott BSc CEng
MIMechE MInstMC
Chief Executive

Sira Certification Service
South Hill
Chislehurst
Kent BR7 5EH
England

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

This certificate and its schedules should always be reproduced in its totality.



CERTIFICATE OF CONFORMITY

NUMBER: Ex 95C1077

DATED: 18 October 1995

APPARATUS:

The Hohner Incremental Shaft Encoder is used to indicate shaft angle movement from an arbitrary datum.

The incremental shaft encoder is constructed from stainless steel and has three flamepaths. All of the flamepaths meet the constructional requirements of EN50 018:1977.

The enclosure is exempt from routine pressure testing as it withstood an overpressure of four times the largest measured reference pressure.



CERTIFICATE OF CONFORMITY

NUMBER: Ex 95C1077

DATED: 18 October 1995

DRAWINGS

DRAWING NO	ISSUE	DATE	DESCRIPTION
0001	1	28 Jul 95	EEx d GA
0002	2.2	28 Jul 95	EEx d Front Face
0003	2.1	28 Jul 95	EEx d Front Face Cross Section
0004	2.1	28 Jul 95	EEx d Shaft
0005	2.1	28 Jul 95	EEx d Encoder Lid for EN Standards
0006	1.1	28 Jul 95	Earth Location and Label Location for EEx d Lid
0007	1.1	23 Aug 95	EEx d Label

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 apparatus specified herein as executed in the samples supplied for evaluation.
- 3 In affixing the SCS certificate number to the apparatus the manufacturer attests on his own responsibility that the apparatus conforms to the documents listed herein.

If the marked apparatus is found not to comply Sira Certification Service should be notified immediately at their office at South Hill, Chislehurst, Kent BR7 5EH, England.