



SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

Sira 02ATEX2317X

13 **DESCRIPTION OF EQUIPMENT**

The Incremental Shaft Encoder is an optical reading system that converts light interference patterns from a rotating disc into a digital voltage output.

The encoder circuit is designed to be housed in a range of metallic or plastic enclosures with various dimensions. An encoder is fitted with one of two slightly different circuits. The part numbering system is as follows:

aa bb cc ee ffff

where:

- aa = series
- bb = shaft size
- cc = circuit type
- ee = connection option
- ffff = resolution

The equipment has the following safety description:

- U_i = 28 V
- I_i = 100 mA
- P_i = 0.7 W
- C_i = 0.58 µF
- L_i = 0

14 **DESCRIPTIVE DOCUMENTS**

14.1	Drawing No.	Rev	Sheet	Date	Title
	GA-INC-IIB-HYB-HOLLOW-01	1.0	1 of 1	14 Oct 02	General arrangement – hollow shaft
	GA-INC-IIB-07-HOLLOW-01	1.0	1 of 1	14 Oct 02	General arrangement – 07-series
	GA-INC-IIB-97FPX-HOLLOW-01	1.0	1 of 1	14 Oct 02	General arrangement – 97/FPX-series
	GA-INC-IIB-SOLID -01	1.0	1 of 1	14 Oct 02	General arrangement – solid shaft
	LB-INC-IIB-CEN-01	-	1 of 1	11 Nov 02	Label
	SCH-IIB-TYPEA-01	1.0	1 of 1	24 Oct 02	Schematic – type A
	SCH-IIB-TYPEB-01	1.0	1 of 1	24 Oct 02	Schematic – type B

14.2 Report No. R52A7615A

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