



1 **EC TYPE-EXAMINATION CERTIFICATE**

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

3 Certificate Number: Sira 00ATEX1037

4 Equipment: BX Series Limit Switches

5 Applicant: Honeywell Control Systems Ltd

6 Address: 11309 Chetlain Lane  
Galena  
IL 61036-0327  
USA

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 R51X5740A.

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  
EN 50018:1994  
EN 50281-1-1:1998

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment or protective system 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 T6

M D Shearman  
Certification Manager

Project Number 51X5740  
Date 7 August 2000  
C. Index 18

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**SCHEDULE**

**EC TYPE-EXAMINATION CERTIFICATE**

Sira 00ATEX1037

**13 DESCRIPTION OF EQUIPMENT**

The equipment is a series of limit and cable pull switches with varying methods of operation resulting in the depression of a plunger which in turn actuates a micro-switch. The enclosure body is of rectangular shape with a circular section in the middle. A circular lid, which is locked in place by a metal strap retained by an M4 star socket headed screw, screws onto the circular section of the base. There is an point in the base of the enclosure which may be one of several size options. Each model in the series has its own BX unique type reference e.g. BX 3 A 1A 1 - 1A B.

**14 DESCRIPTIVE DOCUMENTS**

<b>14.1 Drawing No.</b>	<b>Rev</b>	<b>Issue</b>	<b>Sheet</b>	<b>Date</b>	<b>Title</b>
SKETCH 30090A	1	-	1 of 1	13 Dec 99	PLUNGER, ACTUATOR
SKETCH 30031A	-	1	1 of 1	07 Dec 99	PLUNGER, ACTUATOR
BX SERIES CHART 3	A	4	1 of 1	13 Jul 00	SWITCH - ENCLOSED
LS-22157	1	-	1 of 1	14 Jun 00	NAMEPLATE, FLEXABLE
LS-22158	1	-	1 of 1	14 Jun 00	NAMEPLATE, FLEXABLE
LS-22159	1	-	1 of 1	14 Jun 00	NAMEPLATE, FLEXABLE
LS-22160	1	-	1 of 1	14 Jun 00	NAMEPLATE, FLEXABLE
LS-22161	1	-	1 of 1	14 Jun 00	NAMEPLATE, FLEXABLE
LS-22162	1	-	1 of 1	14 Jun 00	NAMEPLATE, FLEXABLE
LS-22097	B	3	1 of 1	Jul 00	NAMEPLATE, FLEXIBLE

14.2 Report No. R51X5740A

**15 SPECIAL CONDITIONS FOR SAFE USE (denoted by X after the certificate number)**

None

**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. R51X5740A.

**17 CONDITIONS OF CERTIFICATION**

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of SCS Certificates.

Date 7 August 2000

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