




(1) **EC-TYPE EXAMINATION CERTIFICATE**

- (2) Equipment or protective system intended for use in potentially explosive atmospheres - Directive 94/9/EC
- (3) EC-Type Examination Certificate Number: **KEMA 04ATEX2312 X**
- (4) Equipment or protective system: **Limit Switch, Series .EX.-...**
- (5) Manufacturer: **Honeywell Sensing and Control**
- (6) Address: **11 West Spring Street, Freeport, IL 61032, USA**
- (7) This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) KEMA Quality B.V., notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the directive.

The examination and test results are recorded in confidential report no. 2072495.

- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
  - EN 50014 : 1997 + A1, A2**
  - EN 50018 : 2000 + A1**
- (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, examination and tests of the specified equipment or protective system according to the Directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
- (12) The marking of the equipment or protective system shall include the following:


**II 2 G EEx d IIB + H<sub>2</sub> T6**

Arnhem, 4 February 2005  
KEMA Quality B.V.

C.G. van Es  
Certification Manager

© This Certificate may only be reproduced in its entirety and without any change



## SCHEDULE

(13)

(14)

**to EC-Type Examination Certificate KEMA 04ATEX2312 X**

dated

Drawing No.	EX-11259, issue 4, rev. B	Sep. 1998
	EX-11260, issue 4, rev. B	Sep. 1998
	EX-11277, issue 5, rev. B	Sep. 1998
	EX-10834, issue 21, rev. A	Feb. 1998
	EX-10838, issue 20, rev. A	Feb. 1998
	EX-10839, issue 20, rev. A	Feb. 1998
	EX-10853, issue 20, rev. A	Feb. 1998
	EX-10854, issue 21, rev. A	Nov. 1997
	EX-10855, issue 24, rev. A	Nov. 1997
	EX-10856, issue 22, rev. A	Nov. 1997
	EX-10983, issue 17, rev. A	Nov. 1997
	EX-11136, issue 19, rev. A	Nov. 1997
	EX-11137, issue 18, rev. B	Nov. 1998
	EX-11141, issue 23, rev. D	Dec. 2003
	EX-11142, issue 18, rev. A	Nov. 1997
	EX-11247, issue 8, rev. A	Mar. 1998
	EX-11278, issue 8, rev. A	Mar. 1998
	EX-10675, issue 7, rev. A	Mar. 1998
	EX-10638, issue 11, rev. B	May 1998
	EX-10028, issue 13, rev. C	Jan. 2003
	EX-11174, issue 10, rev. B	Jan. 2003
	EX-10114, issue 6, rev. A	Nov. 1998
	EX-10288, issue 4, rev. A	Sep. 1998
	EX-10197, issue 17, rev. B	Jan. 2002
	EX-10981, issue 9, rev. C	Jun. 2000
	EX-10464, issue 21, rev. B	Jul. 1999
	EX-10984, issue 12, rev. D	Jul. 2001
	50007746, rev. 1	16.11.2004
	50008673, rev. 1	05.01.2005
	50008671, rev. 1	06.01.2005
	50006863, rev. 1	05.10.2004
	50008477, rev. 1	12.01.2004
	CE-10063, issue 14, rev. B	May 2001

# AMENDMENT 1

## to EC-Type Examination Certificate KEMA 04ATEX2312 X

Manufacturer: **Honeywell Sensing and Control**

Address: **11 West Spring Street, Freeport, IL 61032, USA**

### Description

The Limit Switch, Series .EX.-... has been extended with type .EXHT-... which is suitable for an ambient temperature range of -40 °C ... +204°C. The Limit Switch type .EXHT-... shall be marked with the code EEx d IIB+H<sub>2</sub> T2.

The maximum rated current for the 125, 250 and 480 Vac models has been increased to 20 A.

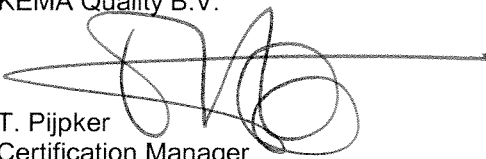
The Limit Switch, Series .EX.-... shall be constructed in accordance with the updated documentation listed below.

All other data remain unchanged.

### Test documentation

	<u>dated</u>
1. EX Unique Type Reference Chart	29.08.2005
2. Drawing No. EX11019, rev. 7	07.03.2005
EX series chart 1, rev. B	29.04.2005
50009553, rev. B	31.03.2005
EX-11259, issue 6, rev. D	17.05.2004
EX-11260, issue 5, rev. C	May 2004
EX-11277, issue 7, rev. D	Aug 2005
EX-10834, issue 22, rev. C	April 2005
EX-10838, issue 23, rev. E	April 2005
EX-10839, issue 22, rev. D	April 2005
EX-10853, issue 21, rev. C	April 2005
EX-10854, issue 22, rev. C	April 2005
EX-10855, issue 25, rev. C	April 2005
EX-10856, issue 23, rev. C	April 2005
EX-10983, issue 18, rev. C	April 2005
EX-11136, issue 21, rev. D	April 2005
EX-11137, issue 19, rev. D	April 2005
EX-11141, issue 24, rev. F	April 2005
EX-11142, issue 20, rev. D	June 2005
EX-11247, issue 9, rev. C	April 2005
EX-11278, issue 9, rev. C	April 2005
50007746, rev. A	01.03.2005
50008673, rev. A	13.04.2005
50008671, rev. A	01.03.2005
50006863, rev. A	01.03.2005
50008477, rev. A	11.04.2005
50011922, rev. A	15.07.2005

Arnhem, 2 September 2005  
KEMA Quality B.V.



T. Pijpker  
Certification Manager



# AMENDMENT 2

## to EC-Type Examination Certificate KEMA 04ATEX2312 X

Manufacturer: **Honeywell Sensing and Control**

Address: **11 West Spring Street, Freeport, IL 61032, USA**

### Description

The Limit Switch, Series .EX.-... and .EXHT-..., may also be constructed in accordance with the test documentation listed below.

The changes concern the update of the documentation.

All other data remain unchanged.

### Test documentation

	<u>dated</u>
Drawing No. Ex-10638, rev. C	08.2005
50009553, rev. C	11.10.2005
EX-10028, rev. D	06.2005
EX-10834, rev. D	07.2005
50014160, rev. A	27.09.2005
EX-11174, rev. C	08.2005
032.1.25, rev. D	06.2005
032.1.38, rev. D	02.2006

Arnhem, 24 April 2006  
KEMA Quality B.V.



T. Pijker  
Certification Manager



## AMENDMENT 3

to EC-Type Examination Certificate KEMA 04ATEX2312 X

Manufacturer: **Honeywell Sensing and Control**

Address: **11 West Spring Street, Freeport, IL 61032, USA**

### Description

In future, for Limit Switch Series .EX.-... the routine tests according to Clause 16 of EN 50018 are not required since the type test has been made at a static pressure of four times the reference pressure.

All other data remain unchanged.

Amstern, 4 August 2006  
KEMA Quality B.V.

A handwritten signature in black ink, appearing to read "C.G. van Es".

C.G. van Es  
Certification Manager

[2095454]



## Amendment 4

to EC-Type Examination Certificate KEMA 04ATEX2312 X

Issue No. 1

Manufacturer: **Honeywell Sensing and control**

Address: **11 West Spring Street, Freeport, IL 61032, USA**

### Description

The Limit Switch, Series .EX-... and .EXHT-..., may also be constructed in accordance with the test documentation listed below.

The changes concern the update of the documentation.

All other data remain unchanged.

### Electrical data

Unchanged.

### Installation instructions

Unchanged.

### Routine tests

Unchanged.

### Test Report

KEMA No. 2097354.

### Special conditions for safe use

Unchanged.

### Essential Health and Safety Requirements

Unchanged.

### Test documentation

		<u>dated</u>
Drawing No.	CE-10063, issue 15, rev. C	24.08.2006
	Ex Series Chart 1, rev. C	25.08.2006
	EX-10028, issue 15, rev. E	24.08.2006
	EX-10114, issue 7, rev. B	24.08.2006
	EX-10197, issue 18, rev. C	24.08.2006
	EX-10288, issue 5, rev. B	24.08.2006
	EX-10464, issue 22, rev. C	24.08.2006
	EX-10638, issue 14, rev. E	24.08.2006



## Amendment 4

to EC-Type Examination Certificate KEMA 04ATEX2312 X

Issue No. 1

	<u>dated</u>
Drawing No. EX-10675, issue 8, rev. B	24.08.2006
EX-10834, issue 24, rev. E	24.08.2006
EX-10838, issue 24, rev. F	24.08.2006
EX-10839, issue 23, rev. E	24.08.2006
EX-10853, issue 22, rev. D	24.08.2006
EX-10854, issue 23, rev. D	24.08.2006
EX-10855, issue 26, rev. D	24.08.2006
EX-10856, issue 24, rev. D	24.08.2006
EX-10981, issue 10, rev. D	24.08.2006
EX-10983, issue 19, rev. D	24.08.2006
EX-10984, issue 13, rev. E	24.08.2006
EX-10998, issue 7, rev. B	24.08.2006
EX-11004, issue 7, rev. B	24.08.2006
EX-11019, issue 8, rev. C	28.09.2006
EX-11136, issue 22, rev. E	24.08.2006
EX-11137, issue 20, rev. E	24.08.2006
EX-11141, issue 25, rev. G	24.08.2006
EX-11142, issue 21, rev. E	24.08.2006
EX-11174, issue 12, rev. D	24.08.2006
EX-11247, issue 10, rev. D	24.08.2006
EX-11259, issue 7, rev. E	24.08.2006
EX-11260, issue 6, rev. D	24.08.2006
EX-11277, issue 8, rev. E	24.08.2006
EX11278, issue 10, rev. D	24.08.2006
50006863, rev. B	22.08.2006
50007746, rev. B	24.08.2006
50008477, rev. B	24.08.2006
50008671, rev. C	24.08.2006
50008673, rev. B	24.08.2006
50009553, rev. D	24.08.2006
50011922, rev. B	24.08.2006
50014160, rev. B	24.08.2006
032.1.38, issue 16, rev. E	24.08.2006
032.1.25, issue 26, rev. E	24.08.2006

Arnhem, 14 November 2006  
KEMA Quality B.V.

H.J.G. de Wild  
Certification Manager