IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx KEM 08.0032 issue No.:0

Certificate history:

Status: **Current**

Date of Issue: **2008-10-14**

Applicant: **Yamatake corporation**
Fujisawa Techno Center
1-12-2 Kawana,
Fujisawa Kanagawa
251-8522
Japan

Electrical Apparatus: **Limit Switch Series VCX-7000 and Series VCX-7000 M**
Optional accessory:

Type of Protection: **Ex d e**

Marking: **Ex d e IIC T6**
Ta -10 °C to +60 °C
max. 250 V - 5 A

Approved for issue on behalf of the IECEx Certification Body: T. Pijpker

Position: Certification Manager

Signature:
(for printed version)

Date: 2008-10-14

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

KEMA Quality B.V.
Utrechtseweg 310
6812 AR Arnhem
The Netherlands

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Certificate No.: IECEx KEM 08.0032

Date of Issue: **2008-10-14** Issue No.: **0**

Manufacturer: **Yamatake Control Products Co., Ltd**
217, Hirasawa, Hadano-shi
Kanagawa, 257-0015
Japan

Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:
The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-1 : 2007-04 Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-7 : 2006-07 Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

NL/KEM/ExTR08.0028/00

Quality Assessment Report:
NL/KEM/QAR08.0007/00

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Schedule

EQUIPMENT:
Equipment and systems covered by this certificate are as follows:

The limit switch series VCX7000 and series VCX7000-M consists of an aluminium enclosure with a flameproof switch. The switch contains two independent SPDT circuits. Operation of the switch contacts is initiated by the movement of the lever.
The enclosure provides a degree of protection IP64/67 in accordance with IEC 60529.
Ambient temperature range -10 °C to +60 °C.
Maximum switch ratings: 250 Vac, 5 A; 125 Vdc, 0.4 A; 250 Vdc, 0.2 A; 125 Vac, 0.1A; 30 Vdc, 0.1A

CONDITIONS OF CERTIFICATION: NO