



**OMRON SCIENTIFIC TECHNOLOGIES INCORPORATED**  
*EC Declaration of Conformity*

OMRON Scientific Technologies Incorporated (at 6550 Dumbarton Circle, Fremont, CA 94555-3605, U.S.A.), hereby declares that the following series manufactured products listed below conform with the Essential Health and Safety Requirements (EHSRs) of the European Machinery Directive (2006/42/EC), with the requirements of the Low Voltage Directive (2006/95/EC), the requirements of the Directive for Equipment intended for use in Potentially Explosive Atmospheres (94/9/EC), and with the relevant requirements of the stated standards listed below. Materials used in the manufacture of these products are RoHS2 compliant in accordance with Directive (2011/65/EU).

**Devices: Emergency Stop Safety Rope Switches with Explosion Proof Internal Contact Block**  
**Types: XER-Series Types: XER6022, XER6022-SS, XER1022, XER1032**

(The products will be marked according to the machinery directive. The overall machine must comply with the machinery directive)

- EN 60947-1:2007:+A1:2011 - Low-voltage switchgear and controlgear. General rules.
- EN 60947-5-1:2004:+A1:2009 - Low voltage switchgear and control gear - Part 5-1: Control circuit devices and switching elements – Requirements for proximity devices with defined behavior under fault conditions - electromechanical control circuits.
- EN 60947-5-5:1997:+A1:2005 - Low-voltage switchgear and controlgear – Part 5-5: Control circuit devices and switching elements – Electrical emergency stop device with mechanical latching function.
- EN 60204-1:2006:+A1:2009 - Safety of Machinery, Electrical equipment of machines, Part 1: General requirements.
- EN 60079-0:2011 - Explosive atmospheres - Part 0: General requirements.
- EN 60079-1:2007 - Explosive atmospheres. Equipment protection by flameproof enclosures "d" - Part 1: Specific requirements for the construction and testing of electrical equipment with the type of protection flameproof enclosure "d", intended for use in explosive gas atmospheres.
- EN 60079-31:2009 - Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure 't'.
- EN ISO 13850:2008 - Safety of machinery – Emergency stop – Principles for design.
- EN ISO 13849-1:2008:+AC:2009 - Safety of machinery – Safety-related parts of control systems, Part 1: General principle for design.

EC-Type Examination Certificate (ATEX) and IECEx CofC (IEC Certification Scheme for Explosive Atmospheres) issued by Certified Body: Baseefa Ltd, Buxton, Derbyshire, UK SK17 9RZ. (Notified Body Number 1180)

Date 2 Sept. 2014  
Fremont, CA, 94555, USA

Signed 

Martin D. Krikorian  
Quality Director  
(Authorized Signer of Declarations of Conformity)  
OMRON Scientific Technologies, Inc.

Date 18/09/14  
's-Hertogenbosch - The Netherlands

Signed 

Representative in EU: J.J.P.W. Vogelaar  
European Quality & Environment Operations Manager  
Omron Europe B.V  
Zilverenberg 2, 5234 GM, 's-Hertogenbosch,  
The Netherlands

# ZERTIFIKAT CERTIFICATE

**Nr./No. 968/EZ 350.00/09**

Prüfgegenstand Product tested	Safety Rope Switches	Lizenznehmer License Holder	OMRON Scientific Technologies Inc. 6550 Dumbarton Circle Fremont CA 94555-3605 United States of America
Typbezeichnung Type designation	ER5018 ER6022 (-SS) ER1022 ER1032	Verwendungs- zweck Intended application	Safety Rope Switches for the use in safety related applications.
Prüfgrundlagen Codes and standards forming the basis of testing		EN 60947-5-1:2004 EN 60947-5-5:1997 + A1:2005 ISO 13850:2006	
Prüfungsergebnis Test results		The Safety Rope Switches are suitable for safety related applications in accordance with the above listed standards.	
Besondere Bedingungen Specific requirements		none	



Der Prüfbericht-Nr.: 968/EZ 350.00/09 vom 27.02.2009 ist Bestandteil dieses Zertifikates.

Der Inhaber eines für den Prüfgegenstand gültigen Genehmigungsausweises ist berechtigt, die mit dem Prüfgegenstand übereinstimmenden Erzeugnisse mit dem abgebildeten Prüfzeichen zu versehen.

The test report-no.: 968/EZ 350.00/09 dated 2009-02-27 is an integral part of this certificate.

The holder of a valid licence certificate for the product tested is authorised to affix the test mark shown opposite to products which are identical with the product tested.

**TÜV Rheinland Industrie Service GmbH**  
Geschäftsfeld ASI  
Automation, Software und Informationstechnologie  
Am Grauen Stein, 51105 Köln  
Postfach 91 09 51, 51101 Köln



2009-02-27

Datum/Date

Firmenstempel/Company stamp

Dipl.-Ing. Klaus Kemp

**OMRON AUTOMATION AND SAFETY • THE AMERICAS HEADQUARTERS** • Chicago, IL USA • 847.843.7900 • 800.556.6766 • [www.omron247.com](http://www.omron247.com)

**OMRON CANADA, INC. • HEAD OFFICE**

Toronto, ON, Canada • 416.286.6465 • 866.986.6766 • [www.omron247.com](http://www.omron247.com)

**OMRON ELECTRONICS DE MEXICO • HEAD OFFICE**

México DF • 52.55.59.01.43.00 • 01-800-226-6766 • [mela@omron.com](mailto:mela@omron.com)

**OMRON ELECTRONICS DE MEXICO • SALES OFFICE**

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São Paulo, SP, Brasil • 55.11.2101.6300 • [www.omron.com.br](http://www.omron.com.br)

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**OMRON EUROPE B.V.** • Wegalaan 67-69, NL-2132 JD, Hoofddorp, The Netherlands. • +31 (0) 23 568 13 00 • [www.industrial.omron.eu](http://www.industrial.omron.eu)

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