



II 3 G Certificate

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Document number GE10ATEX8220X Issue 3

3 European Community Declaration of Conformity for Group II Category 3 G equipment in accordance with Directive 94/9/EC.

4 Declaration relating to: 8220-DI-IS 16-channel IS DI, switch/proximity detector.

5 Assessed and Manufactured by: GE Fanuc Automation, 2500 Austin Drive, Charlottesville, VA 22911, USA.

6 This apparatus fulfils all the requirements for Group II, Category 3 (1) G equipment in accordance with Directive 94/9/EC. The design complies with EN 60079-11: 2012 & EN 60079-15:2010 (EN 60079-15:2005 for Legacy 'nL' installations). The design is fully documented in GE Intelligent Platforms Technical File Number TF8220, except for the Category 1 field connections which are documented in Baseefa EC-Type Examination Certificate BAS98ATEX7206U.

7 The apparatus in normal operation is energy-limited and ic, including the connections to the Railbus Power Supply. In normal operation the apparatus is incapable of producing arcs, sparks or hot surfaces which may cause ignition and is designed to be installed and used in accordance with standards EN 60079-14:2008 & EN 60079-25:2010 and installation drawing no. SCI-1530.

8 The required marking of the apparatus is specified in GE Intelligent Platforms Technical File TF8220 and includes the distinctive community mark:



9 In addition, the marking includes the CENELEC code Ex ic nL IIC T4. The CENELEC marking nL is retained for use in legacy nL installations. For new installations the product is marked 'ic'

10 The ambient temperature range for the apparatus is -40°C to $+70^{\circ}\text{C}$.

11 Manufacture is controlled by an ISO9001:2008 approved system, and is externally audited by CSA and FM.

12 The apparatus meets the ATEX Directive requirements for electromagnetic radiation by complying with the EMC Directive 2004/108/EC.

13 The standards published in the Official Journal of the European Commission with reference to the Low Voltage Directive 2006/95/EC have been used to fulfil 1.2.7 of Annex II of directive 94/9/EC to eliminate electrical risks.

14 Special Conditions of Safe Use

- a. The apparatus must be installed in an enclosure or an environment that provides a degree of protection not less than IP54 when used in Zone 2.
- b. Reference must be made to the ATEX Category 1 documentation for the Special Conditions of Safe Use of the intrinsically safe field connections.

Srinivas Kodagandla.....
Technology Manager-Quality & Regulatory

Date 24th May 2013



15 Revision History

Issue	Date	Remarks
1	21 st Jun 2010	First GE Intelligent Platforms version.
2	30 th April 2013	CENELEC marking ic added with assessment note in section 6, 7 and 9.
3	24 th May 2013	Reference to installation drawing SCI-1530 added in section 7.