ATEX

II 3 G

Certificate

1

2 DOCUMENT NO. MTL07ATEX5011BX

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

4 Declaration relating to: **MTL5011B Switch/Proximity Detector Interface.**

5 Manufactured and assessed by:
Measurement Technology Limited, Power Court, Luton, Bedfordshire, LU1 3JJ, UK.

6 This apparatus fulfils all the requirements for Group II, Category 3 G equipment in accordance with Directive 94/9/EC. The design complies with the MTL Standard for Zone 2/Division 2 Hazardous Area Apparatus and with EN 60079-15:2005. The design is fully documented in MTL Technical File Number TF5011B.

7 The apparatus includes a non-arcing power supply and in normal operation is incapable of producing incendive sparks or hot surfaces which may cause ignition and is designed to be installed and used in accordance with EN 60079-14:2003.

8 The required marking of the apparatus is specified in Technical File No TF5011B and includes the distinctive community mark: 

9 In addition, the marking includes the CENELEC code Ex nA nL IIC T4.
The L applies to the non-ignition capable external connections to the relay contacts and the hot surfaces within the product.
Care should be taken that the circuits connected to the relays contacts via CON 4 comply with energy-limited requirements.

10 The Terminals 10, 11 and 12 have the following parameters:
Ui = 30V Ii = 132mA

11 The ambient temperature range for the apparatus is -20°C to +60°C.

12 Manufacture is controlled by an ISO 9001 approved system and is externally audited by CSA and FM.

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

14 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 fulfill the requirement of 1.2.7 of Annex II of directive 94/9/EC to avoid electrical risks.

15 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.

b) The connector CON5 (Power Supply) must not be inserted or removed unless either:
i) the area in which the apparatus is installed is known to be non-hazardous, or
ii) the circuit to which it is connected has been de-energised.

c) The 24V supply for this equipment must be derived from a regulated power supply complying with the requirements of European Community Directives.

J.A.D. Cooke, Quality Manager ..... Date 19/04/07

D.R.Gaunt, Certification Manager D.R.Gaunt Date 19/04/07

BSI REGISTERED FIRM

ISO 9001
Number FM11657

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