



# NIPPON KAIJI KYOKAI

Certificate No.

TA05618M

## *Certificate of Type Test*

*FOR EXPLOSION PROTECTED TYPE ELECTRICAL EQUIPMENT*

APPLICANT: MTL Instruments K.K., Tokyo, Japan

MANUFACTURER: Measurement Technology Ltd., Bedfordshire, England

PRODUCT: Intrinsically Safe Type 3-Channel Switch/Proximity Detector Relay

TYPE NO.: MTL2213

TYPE TEST NO.: 01T630

PARTICULARS: Construction: Intrinsically Safe Type (Ex ia IIC)  
Applied Standards: CENELEC EN50014(1977), EN50020(1977)  
Intrinsically Safe Circuit: Max. Output Voltage; 10.5V  
Max. Output Current; 14mA  
Max. Output Power; 37mW  
External Capacitance; 2.4  $\mu$ F  
External Inductance; 165mH or L/R Ratio 825  $\mu$ H/ $\Omega$   
Non-Intrinsically Safe Circuit: a.c./d.c.250V max.

CONDITION: Intrinsically safe apparatus connecting to the above article is to be certified or approved by the Society.

DOCUMENTATION: MTL I/C130-013-01 1/4~4/4, MTL I/C130-013-01 1/4~4/4, CI2213, CI2210-21, CI2213-1 1/11~11/11, SK1033, BAS No.Ex88B2114, Test Report No.88(i)053

THIS IS TO CERTIFY that the above mentioned product has been approved by the NIPPON KAIJI KYOKAI in accordance with the Society's type test requirements for electrical equipment and cables.

This certificate is valid until the 18th day of November, 2009

Issued at Tokyo on the 19th day of November, 2005



S. Ogawa  
General Manager  
Machinery Department

Note: The manufacturer, if desired, is requested to apply to the Society for renewal prior to the expiration date.