



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.

TA05345M

FOR EXPLOSION PROTECTED TYPE ELECTRICAL EQUIPMENT

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

MANUFACTURER: Measurement Technology Ltd., Bedfordshire, England

PRODUCT: Loop Powered Indicator

TYPE NO.: MTL661, MTL661-ABS, MTL662, MTL662-ABS

TYPE TEST NO.: 05T609

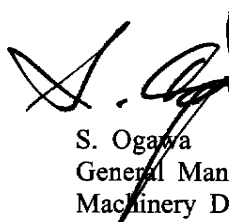
PARTICULARS: Construction: Intrinsically Safe Type (Ex ia IICT4)
Intrinsically Safe Circuit: Max. Output Voltage 30V
Max. Output Current 200mA
Max. Output Power 1.2W
Internal Capacitance 0nF
Internal Inductance 0mH
Safety Barrier: Isolator MTL5045 certified by the Society with Type Test
No. 04T612 is to be applied to this product.
Ambient temperature: -20°C ~ +70°C
Standards: CENELEC EN50014(1997) and EN50020(2002)

DOCUMENTATION: SCI661, CRF400/Version 2.1/Appendix D (19-5-2003) Sheet 21-28 and Sheet 22-28,
CR661662/Version2.3(26 November 2003), CR661662/Version2.3en(26 November 2003)
KEMA 03ATEX1194X, Test Report (No.2029513.01-QUA/IND),

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 23rd day of June, 2009.

Issued at Tokyo on the 24th day of June, 2005.


S. Ogawa
General Manager
Machinery Department