



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.

TA10014M

FOR EXPLOSION PROTECTED TYPE ELECTRICAL EQUIPMENT

APPLICANT: Cooper Industries Japan K.K., Tokyo, Japan

MANUFACTURER: Measurement Technology Ltd., Beds, England

PRODUCT: Isolator

TYPE NO.: MTL5049, MTL5045

TYPE TEST NO.: 04T612

PARTICULARS:

Construction	Intrinsically safe type (Ex ia IIC)
Intrinsically safe circuit	Max. output voltage 28V
	Max. output current 93mA
	Max. output power 0.65W
	External capacitance 0.083 μ F
	External inductance 3.05mH or L/R Ratio 55 μ H/ Ω
	Operational voltage 20V to 35V d.c.
Non-intrinsically safe circuit	250V a.c., 50/60Hz or 250V d.c. max.
Ambient temperature	60°C
Standards	EN50014(1997) + Amendment 1 and 2 EN50020(1994)

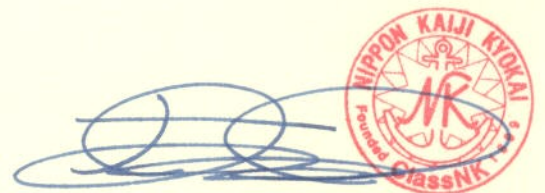
CONDITION: Intrinsically safe apparatus connecting to the above product is to be certified or approved by the Society.

DOCUMENTATION: SCI5049, CI5049-1 2/8~8/8, CI5000-1 1/2 & 2/2, CI5000-2 1/2 & 2/2, CI5045-1 2/8~8/8, CI5000-12 1/4~4/4, BAS01ATEX7157, Test Report No.01(C)0220

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 10 May 2012

Issued at Tokyo on the 1 January 2010.



T. Narisawa
General Manager
Machinery Department

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