

NIPPON KAIJI KYOKAI

Certificate No. TA12023M

Certificate Of Type Test

FOR EXPLOSION PROTECTED TYPE ELECTRICAL EQUIPMENT

APPLICANT:

Cooper Industries Japan K.K., Tokyo, Japan

MANUFACTURER:

Measurement Technology Ltd., Beds, England

PRODUCT:

Isolating Intrinsically Safe Interface Units for 4/20mA Transmitters

TYPE NO .:

MTL5042

TYPE TEST NO.:

04T607

PARTICULARS:

Construction

Intrinsically safe type (Ex ia IIC)

Intrinsically safe circuit

Max. output voltage 28V Max. output current 93mA

Max. output power

0.65W

 $0.083 \mu F$

External capacitance External inductance

3.05mH or L/R Ratio 55 μ H/ Ω

Non-intrinsically safe circuit

Ambient temperature

60°C

Standards

EN50014(1997) + Amendment 1 and 2

250V a.c., 50/60Hz or 250V d.c. max.

EN50020(1994)

CONDITION:

Intrinsically safe apparatus connecting to the above product is to be certified or

approved by the Society.

DOCUMENTATION: SCI5042, CI5042-1 2/8~8/8, CI5000-1 1/2 2/2, CI5000-2 1/2 2/2,

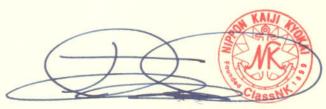
CI5000-3 1/2 2/2, CI5000-12 1/4~4/4, BAS01ATEX7153,

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 5 February 2017.

Issued at Tokyo on 17 January 2012.



T. Narisawa General Manager Machinery Department