NIPPON KAIJI KYOKAI

Certificate No.
TA16059M

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: Intrinsically Safe Type Two Channel Switch/Proximity Detector Interface

TYPE NO.: MTL5018AC

TYPE TEST NO.: 03T605

PARTICULARS:

Construction	Intrinsically safe type	(Ex ia IIC)
Intrinsically safe circuit	Max. output voltage	10.5V
	Max. output current	14mA
	Max. output power	37mW
	External capacitance	2.41μF
	External inductance	175mH or L/R Ratio 967μH/Ω
Non-intrinsically safe circuit	265 V a.c./d.c. max. 45～65 Hz	
Ambient temperature	60℃	
Standards	EN50014 (1977) + Amendment 1&2	
	EN50020 (2002) EN50039 (1980)	

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

DOCUMENTATION: SCI5018ac, MTL I/C 150-018-01/1 1/8～8/8, CI4000-1-1/2, CI4000-1-2/2, TIIS TC17007

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 3 March 2021.

Issued at Tokyo on 28 January 2016.

Y. Shibata
General Manager
Machinery Department

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