



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.
TA22424M

FOR EXPLOSION PROTECTED TYPE ELECTRICAL EQUIPMENT

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

MANUFACTURER: Eaton Electric Limited, England

PRODUCT: Intrinsically Safe Type Switch / Proximity Detector Interface

TYPE NO.: MTL5511, MTL5514

TYPE TEST NO.: 12T604

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 2.41 μ F
	External inductance 175mH or L/R
	Ratio 983 μ H/ohm
Non-intrinsically safe circuit	250V a.c./d.c. max
Standards	IEC60079-0:2004, IEC60079-11:2006, IEC61241-11:2005

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

DOCUMENTATION: CI5516, CI4516-1, IECEx ExTR Ref. No. GB/BAS/ExTR07.0127/00

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 17 July 2027.

Issued at Tokyo on 8 August 2022.


S. Oishi
General Manager
Machinery Department



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