



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.
TA22429M

FOR EXPLOSION PROTECTED TYPE ELECTRICAL EQUIPMENT

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

MANUFACTURER: Eaton Electric Limited, England

PRODUCT: Intrinsically Safe Type Isolating Driver, 4/20mA for Smart I/P Converters

TYPE NO.: MTL5546Y

TYPE TEST NO.: 12T609

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 4.2mH or L/R
Ratio 56 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: CI5546-1, CI4546-1, IECEx ExTR Ref. No. GB/BAS/ExTR07.0130/00

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.