



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.
TA15571M

FOR EXPLOSION PROTECTED TYPE ELECTRICAL EQUIPMENT

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

MANUFACTURER: M.T.L Instruments Pvt. Limited, Chennai, India

PRODUCT: Intrinsically Safe Type Shunt Diode Safety Barriers for
Resistance Temperature Detectors

TYPE NO.: MTL755ac

TYPE TEST NO.: 94T608

PARTICULARS:

Construction	Intrinsically safe type (Ex ia IIC T4)
Intrinsically safe circuit	Max. output voltage 6V
	Max. output current 600mA
	Max. output power 0.45W
	External capacitance $40 \mu F$
	External inductance 0.125mH or L/R Ratio $48 \mu H/\Omega$
Non-intrinsically safe circuit	250V a.c./d.c. max.
Standards	EN50014(1977), EN50020(1977) EN50039(1982)

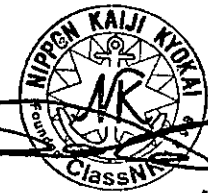

CONDITION: Intrinsically safe apparatus connecting to the above product is to be certified or approved by the Society.

DOCUMENTATION: CI755-1 sheets 1-2, CI700, CI700-1, CI700-2, CI700-4, CI100-2/4,
SCI-92 sheets 1-3, TIIS Certificate No. TC13229, TC16526, T48694
EECS Certificate No. BAS01ATEX7203, Baseefa certificate No. BAS01ATEX7203/1
(TIIS: Technology Institution of Industrial Safety, Japan)
(EECS: Electric Equipment Certification Service, United Kingdom)
(Baseefa: British Approval Service for Electrical Equipment in Flammable Atmospheres, United Kingdom)

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 12 January 2021.

Issued at Tokyo on 2 November 2015.



Y. Shibata
General Manager
Machinery Department

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