



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.
TA21565M

FOR EXPLOSION PROTECTED TYPE ELECTRICAL EQUIPMENT

APPLICANT: GMI Japan, Kanagawa, Japan

MANUFACTURER: GM International S.R.L., Villasanta, Italy

PRODUCT: Intrinsically Safe Type Barrier for Transmitters

TYPE NO.: D5011S, D5011D

TYPE TEST NO.: 16T618

PARTICULARS:	Intrinsically safe type	(Ex ia IIC)	
	Intrinsically safe circuit	Max. input voltage U_0	DC 25.9V
		Max. input current I_0	92mA
		Max. input power P_0	594mW
		Max. external capacitance	0.100 μ F
		Max. external inductance	4.2mH
		Max. inductance / resistance ratio L_0 / R_0	59.9 μ H/ Ω
	Non-intrinsically safe circuit	Input voltage	DC 18V to 30V
		Operational voltage	AC 250V 50/60Hz, DC 250V
	Ambient temperature range	$-40\text{ }^\circ\text{C} \leq T_a \leq +70\text{ }^\circ\text{C}$	

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

DOCUMENTS: IECExBVS10.0072X issue No.0~issue No.6, DE/BVS/ExTR10.0103/00~ExTR10.0103/06, D5011S/D, CRR088 Rev.0, CRR087 Rev.0, SCD104 Rev.3, PCF118 Rev.3, PCF120 Rev.3, PRL241 Rev.3, PRL240 Rev.3, THA002 Rev.2

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 20 October 2026.

Issued at Tokyo on 17 November 2021.

T. Shimada
General Manager
Machinery Department

